of New Mexico

Incident ID nAPP2314547818

| Incident ID    | nAPP2314547818 |
|----------------|----------------|
| 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>&gt;101 (</u> ft bgs) |  |  |  |
|---|--------------------------|--|--|--|
| Did this release impact groundwater or surface water?   |                          |  |  |  |
| 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?  |                          |  |  |  |
| Are the lateral extents of the release within a 100-year floodplain?  |                          |  |  |  |
| 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 vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  |                          |  |  |  |
| Characterization Report Checklist: Each of the following items must be included in the report.  |                          |  |  |  |
| <ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>Field data</li> <li>Data table of soil contaminant concentration data</li> <li>Depth to water determination</li> <li>Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>Boring or excavation logs</li> <li>Photographs including date and GIS information</li> <li>Topographic/Aerial maps</li> <li>Laboratory data including chain of custody</li> </ul> |                          |  |  |  |

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: 11/16/2023 1:51:12 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

Facility ID
Application ID

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: \_\_Dale Woodall \_\_\_\_\_\_\_ Title: \_\_Env. Professional \_\_\_\_\_\_\_\_

Date: \_\_10/25/23 \_\_\_\_\_\_\_\_

email: \_\_dale.woodall@dvn.com \_\_\_\_\_\_\_ Telephone: \_\_\_\_575-748-1838 \_\_\_\_\_\_\_\_

OCD Only

Received by: \_Shelly Wells \_\_\_\_\_\_\_\_ Date: \_\_11/16/2023 \_\_\_\_\_\_\_\_

te of New Mexico

Incident ID nAPP2314547818

| Incident ID    | nAPP2314547818 |
|----------------|----------------|
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## **Remediation Plan**

| Remediation Plan Checklist: Each of the following items must be   | e included in the plan.  |  |  |
|---|--|--|--|
| ☐ Detailed description of proposed remediation technique ☐ Scaled sitemap with GPS coordinates showing delineation point ☐ Estimated volume of material to be remediated ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.1 ☐ Proposed schedule for remediation (note if remediation plan times) | 2(C)(4) NMAC   |  |  |
| Deferral Requests Only: Each of the following items must be con   | firmed as part of any request for deferral of remediation.   |  |  |
| Contamination must be in areas immediately under or around predeconstruction.   | 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: Dale Woodall  | Title: Env. Professional   |  |  |
| Signature: Dale Woodall   | Date: 10-25-2023   |  |  |
| email: dale.woodall@dvn.com Telephone: 575-748-1838   |  |  |  |
| OCD Only  |  |  |  |
| Received by: Shelly Wells   | Date: <u>11/16/2023</u>  |  |  |
| ☐ Approved ☐ Approved with Attached Conditions of   | Approval   |  |  |
| Signature:  | Date:  |  |  |

Page 4 of 489

| Incident ID    | nAPP2314547818 |
|----------------|----------------|
| 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.

| Closure Report Attachment Checklist: Each of the following i  | tems must be included in the closure report.   |  |  |  |
|---|--|--|--|--|
| 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 ODG  | C 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 remain health or the environment. In addition, OCD acceptance of compliance with any other federal, state, or local laws and/or regular restore, reclaim, and re-vegetate the impacted surface area to the conaccordance with 19.15.29.13 NMAC including notification to the OP Printed Name:  Dale Woodall  Signature:  Dale Woodall  Signature: | nations. The responsible party acknowledges they must substantially anditions that existed prior to the release or their final land use in DCD when reclamation and re-vegetation are complete.  Title:Env. Professional |  |  |  |
| email:dale.woodall@dvn.com  |  |  |  |  |
|   |  |  |  |  |
| OCD Only  |  |  |  |  |
| eceived 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:   |  |  |  |



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

November 15, 2023

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

Re: Closure and Deferral Request Report

**Thistle Unit 44H CTB** 

Devon Energy Production Company Site Location: Unit N, S33, T23S, R33E

Lea County, New Mexico

Incident ID: nAPP2314547818 & nAPP2201362323

#### 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 Thistle Unit 44H CTB (Site) for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico The Site is in Unit Letter N, Section 33, of 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 initial C-141 (Incident ID: nAPP2201362323) obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on December 30, 2021. The release was a result of equipment failure which resulted in the release of approximately 16.58 barrels (bbls) of produced water of which 2 bbls were recovered for a net loss of 14.58 bbls. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3. The initial C-141 form is attached.

Based on the initial C-141 (Incident ID: nAPP2314547818) obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on May 5<sup>th</sup>, 2023. The release was a result of a human error at the Thistle 46H CTB 1 producing well site causing the overspray of the crude oil on and off the pad. That resulted in the release of approximately 4.4 barrels (bbls) of crude oil of which none were recovered for a net loss of 4.4 bbls. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 4. The initial C-141 form is attached.

#### **Site Characterization**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there is no water source within a ½ mile radius of the Site. The nearest identified well is located approximately 0.28 miles Southwest of the Site in Sec 33 T23S R33E. The well was drilled in 2023 to the reported depth of 101 feet below ground surface (ft bgs) with no groundwater encountered. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. A copy of the site characterization information and the associated NMOSE summary report is attached.

Creating a Better Environment For Oil & Gas Operations

Mr. Mike Bratcher November 15, 2023 Page 2 of 4

#### **Regulatory Criteria**

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

General Site Characterization and Groundwater:

| Site Characterization | Average Groundwater Depth (ft) |
|-----------------------|--------------------------------|
| Low Karst             | >101                           |

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

| Regulatory Standard   | Chloride     | TPH<br>(GRO+DRO+MRO | TPH<br>(GRO+DRO) | BTEX     | Benzene  |
|---|--------------|---------------------|------------------|----------|----------|
| 19.15.29.13 Restoration,<br>Reclamation and Re-<br>Vegetation (Impacted Area<br>0-4 Feet)       | 600 mg/kg    | 100 mg/kg           |                  | 50 mg/kg | 10 mg/kg |
| 19.15.23.12 Remediation<br>and Closure Criteria for<br>Soils Impacted by a Release<br>(>4 Feet) | 20,000 mg/kg | 2,500 mg/kg         | 1,000 mg/kg      | 50 mg/kg | 10 mg/kg |
| Notes:<br>= not defined   |              |                     |                  |          |          |

### Site Assessment

On November  $11^{th}$ , 2022, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site for incident nAPP2201362323. A total of nine (9) vertical sample points (S-1 through S-9) and eight (8) horizontal sample points (H-1 through H-8) were installed within the release area to characterize the impacts. Soil samples were collected in 0.5 to 1 ft depth intervals from depths ranging from 0-5.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination.

The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8260B, total petroleum hydrocarbon (TPH) by method 8015B Modified, and chloride by EPA 4500 Cl-B by Cardinal Laboratories in Hobbs, New Mexico. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of S-1 through S-9 at various depths in the range from 0 ft bgs to 4.5 ft bgs. Analytical results are included in Table 1 and sampling locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the back of the report.

On June  $9^{th}$ , 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site for the incident nAPP2314547818. A total of two (2) vertical sample points (V-1 and V-2) and four (4) horizontal sample points (H-1 through H-4) were installed within the release area to characterize the impacts. Soil samples were collected in 0.5 to 1 ft depth intervals from depths ranging from 0-3.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination.

A NTG

Mr. Mike Bratcher November 15, 2023 Page 3 of 4

The samples were analyzed BTEX by EPA method 8260B, TPH by method 8015B Modified, and chloride by EPA 4500 Cl-B by Cardinal Laboratories in Hobbs, New Mexico. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of V-1 and V-2 at various depths in the range from 0 ft bgs to 1.5 ft bgs. Analytical results are included in Table 2 and sampling locations are shown in Figure 4. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the back of the report.

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

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. It is important to note that the impacts from each incident commingled and were addressed in a single excavation. The release areas of S-1 through S-9 were excavated to 5 ft bgs based on the delineation samples results shown in Table 1. The release areas of V-1 and V-2 were excavated to 2.5 ft bgs. Additional impacted areas caused by both releases nAPP2314547818 and nAPP2201362323 were excavated based on the information provided by Devon after the initial assessment was completed by a different environmental consultant (Wescom). The associated proposed excavation map is attached to the Figures. The complete excavation map overview is shown in Figure 5.

From July 19<sup>th</sup>, 2023, to August 30<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 reports containing analytical methods and chain-of-custody documents are attached. Initial confirmation samples were collected on July 19<sup>th</sup>, 2023. Laboratory analytical results indicate that multiple confirmation samples were above NMOCD regulatory criterion from Table I, Closure Criteria.

Devon continued expanding the excavation both horizontally and vertically based on the laboratory results of confirmation samples to ensure all impacted soils are removed. Final confirmation samples collected on August 30<sup>th</sup>, 2023 indicate that impacted soils were removed from all impacted areas except the areas of SW-26 through SW-39. All other confirmation samples were below NMOCD regulatory criterion for the site. Areas of SW-26 through SW-39 are in a close proximity to the facility infrastructure and cannot be expanded any further according to the Devon personnel.

Complete analytical results for all confirmation samples are presented in Table 3 and the final excavation map with confirmation sample locations is shown in Figures 6 and 7.

On September 28<sup>th</sup>, 2023 and November 10<sup>th</sup>, 2023, NTGE was on site to collect five (5) vertical delineation samples (V-1 through V-5) in 0.5 to 5 ft depth intervals from depths ranging from 0 – 8.5 ft bgs with a geotechnical hand auger in the areas that could not be reached with any excavation machinery. Laboratory results of these samples are presented in Table 1 and their locations are shown in Figure 3.

#### **Deferral Request**

Devon personnel have expressed that the excavation areas SW-26 through SW-39 cannot be expanded vertically or horizontally due to the presence of facility infrastructure (i.e., pumpjack, wellhead and adjacent flowlines and electrical lines, etc.) around the excavation and the associated safety concerns in further encroaching the infrastructure. The infrastructure in and around the excavation is visible on Figure 3.

NTGE Project No.: 237481



Mr. Mike Bratcher November 15, 2023 Page 4 of 4

On behalf of Devon, NTGE formally requests a deferral for both incidents nAPP2314547818 and nAPP2201362323 to address the remaining soil impacts (SW-26 through SW-39) at the time of facility decommissioning or in the event infrastructure modifications are made in the area that would alleviate the safety concerns, whichever is sooner. Should the deferral request be granted, a remedial action report documenting excavation expansion and confirmation sampling activities will be prepared and filed following completion of the further actions to be completed at a future date. The release notification, site assessment/characterization, remediation plan, and closure/deferral portion of form C-141 are attached to the front of this report.

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

Sincerely,

**NTG Environmental** 

Ethan Sessums Project Manager

allun

Attachments:

Initial And Final C-141

Site Characterization Information

Tables Figures

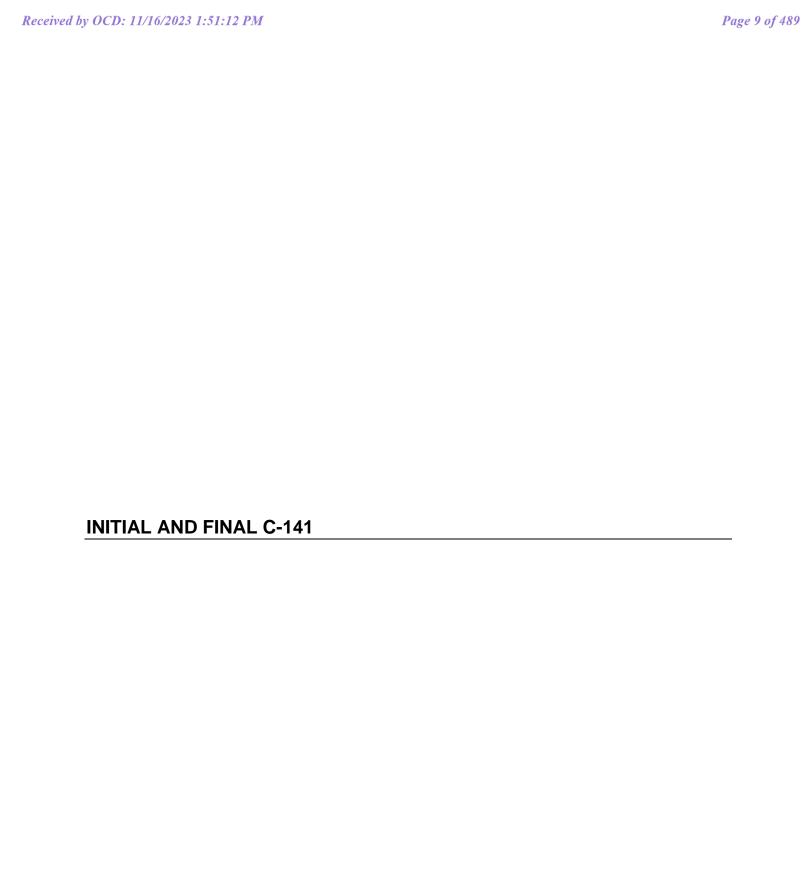
Photographic Log

Laboratory Reports and Chain-of-Custody

Dmitry Nikanorov Project Scientist

Mikan

NTGE Project No.: 237481



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

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141
Revised August 24, 2018
Submit to appropriate OCD District office

| Incident ID    |  |
|----------------|--|
| District RP    |  |
| Facility ID    |  |
| Application ID |  |

## **Release Notification**

#### **Responsible Party**

| Responsible Party OGRID                                 |             |  |                        |                                     |                         |                           |  |
|---|-------------|--|------------------------|-------------------------------------|-------------------------|---------------------------|--|
| Contact Name Contact Te                                 |             |  | elephone               |                                     |                         |                           |  |
| Contact emai  | 1           |  |                        | Incident #                          | (assigned by OCD)       | )                         |  |
| Contact mail  | ing address |  |                        | 1                                   |                         |                           |  |
|   |             |  | Location               | of Release So                       | ource                   |                           |  |
| Latitude  |             |  | (NAD 83 in dec         | Longitude _cimal degrees to 5 decim | nal places)             |                           |  |
| Site Name   |             |  |                        | Site Type                           |                         |                           |  |
| Date Release  | Discovered  |  |                        | API# (if app                        | licable)                |                           |  |
| Unit Letter   | Section     | Township   | Range                  | Coun                                | ity                     |                           |  |
| Crude Oil   | Material    | Federal Tr   | Nature and             | l Volume of I                       |                         | e volumes provided below) |  |
| Produced  |             |  |                        |                                     | Volume Recovered (bbls) |                           |  |
|   | water       | r Volume Released (bbls)  Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l? |                        |                                     | Yes No                  |                           |  |
| Condensa  | te          | Volume Release   | d (bbls)               |                                     | Volume Recovered (bbls) |                           |  |
| Natural Gas Volume Released (Mcf)                       |             |  | Volume Recovered (Mcf) |                                     |                         |                           |  |
| Other (describe) Volume/Weight Released (provide units) |             |  | Volume/Weig            | ght Recovered (provide units)       |                         |                           |  |
| Cause of Rele   | ease        |  |                        |                                     |                         |                           |  |

Received by OCD: 11/16/2023 1/:51212 PM State of New Mexico Page 2 Oil Conservation Division

| - 75   |                      | D 4    | -   | - /// |   | ~ | 0  |
|--------|----------------------|--------|-----|-------|---|---|----|
| $-\nu$ | TOTA                 | ne cal | do  | oF    | 1 | × | 6/ |
|        | $\iota \simeq \iota$ | 5 I.E. | 210 | va -  | 9 | o | Z  |
|        | 0                    |        |     |       |   | , |    |

| Incident ID    |  |
|----------------|--|
| District RP    |  |
| Facility ID    |  |
| Application ID |  |

| ns (phone, email, etc)?  |
|--|
| is (phone, eman, etc):   |
|  |
|  |
|  |
| ard that would result in injury  |
|  |
|  |
| containment devices.   |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
|  |
| discovery of a release. If remediation   |
| completed or if the release occurred   |
| completed or if the release occurred eded for closure evaluation.  |
| completed or if the release occurred reded for closure evaluation.   |
| completed or if the release occurred reded for closure evaluation.  tand that pursuant to OCD rules and ctions for releases which may endanger of liability should their operations have   |
| completed or if the release occurred reded for closure evaluation.  tand that pursuant to OCD rules and ctions for releases which may endanger   |
| completed or if the release occurred reded for closure evaluation.  tand that pursuant to OCD rules and ctions for releases which may endanger of liability should their operations have human health or the environment. In   |
| completed or if the release occurred reded for closure evaluation.  tand that pursuant to OCD rules and ctions for releases which may endanger of liability should their operations have human health or the environment. In any other federal, state, or local laws |
| completed or if the release occurred reded for closure evaluation.  tand that pursuant to OCD rules and ctions for releases which may endanger of liability should their operations have human health or the environment. In   |
| completed or if the release occurred reded for closure evaluation.  tand that pursuant to OCD rules and ctions for releases which may endanger of liability should their operations have human health or the environment. In any other federal, state, or local laws |
| completed or if the release occurred reded for closure evaluation.  tand that pursuant to OCD rules and ctions for releases which may endanger of liability should their operations have human health or the environment. In any other federal, state, or local laws |
| completed or if the release occurred reded for closure evaluation.  tand that pursuant to OCD rules and ctions for releases which may endanger of liability should their operations have human health or the environment. In any other federal, state, or local laws |
| completed or if the release occurred reded for closure evaluation.  tand that pursuant to OCD rules and ctions for releases which may endanger of liability should their operations have human health or the environment. In any other federal, state, or local laws |
| completed or if the release occurred reded for closure evaluation.  tand that pursuant to OCD rules and ctions for releases which may endanger of liability should their operations have human health or the environment. In any other federal, state, or local laws |
|  |

| 100                         |                  | s) Calculator                             |
|-----------------------------|------------------|---|
|                             | puts in blue, O  | N. C. |
| Col                         | ntaminated Soil  | measurement                               |
| Area (F                     | t 2)             | Depth (in)                                |
| <u>0</u>                    |                  | 0.000                                     |
| Cubic Feet of So            | oil Impacted     | 0.000                                     |
| Barrels of Soil             | Impacted         | 0.00                                      |
| Soil Ty                     | pe               | Clay                                      |
| Barrels of Oil<br>100% Satu |                  | 0.00                                      |
| Saturation                  | Damp no          | fluid when squeezed                       |
| Estimated Bar<br>Releas     |                  | 0.0000                                    |
|                             | Free Standing    | Fluid Only                                |
| Area (F                     | t <sup>2</sup> ) | Depth (inches)                            |
| 2000                        | 0                | 0.015                                     |
| Standing                    | fluid            | 4.453                                     |
| Total fluids s              |                  | 4.453                                     |

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

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

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

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

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

CONDITIONS

Action 225370

#### **CONDITIONS**

| Operator:                           | OGRID:                                    |
|-------------------------------------|---|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137                                      |
| 333 West Sheridan Ave.              | Action Number:                            |
| Oklahoma City, OK 73102             | 225370                                    |
|                                     | Action Type:                              |
|                                     | [C-141] Release Corrective Action (C-141) |

#### CONDITIONS

| Created By |      | Condition<br>Date |
|------------|------|-------------------|
| jharimon   | None | 6/8/2023          |

|                | Page 14 of 4   | 89 |
|----------------|----------------|----|
| Incident ID    | nAPP2314547818 |    |
| 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>&gt;101 (</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.  |                          |
| <ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>Field data</li> <li>Data table of soil contaminant concentration data</li> <li>Depth to water determination</li> <li>Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>Boring or excavation logs</li> <li>Photographs including date and GIS information</li> <li>Topographic/Aerial maps</li> <li>Laboratory data including chain of custody</li> </ul> |                          |

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: 11/16/2023 1:51:12 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

|             | Page 15 of 489 |
|-------------|----------------|
| Incident ID | nAPP2314547818 |
| 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 failed to adequately investigate and remediate contamination that pose a thr addition, OCD acceptance of a C-141 report does not relieve the operator of and/or regulations. | occ does not relieve the operator of liability should their operations have reat to groundwater, surface water, human health or the environment. In |
|---|---|
| Printed Name:Dale Woodall   | Title:Env. Professional   |
| Signature: Dale Woodall   | Date:10/25/23   |
| email:dale.woodall@dvn.com  | Telephone:575-748-1838  |
|   |   |
| OCD Only  |   |
| Received by:  | Date:   |
|   |   |

|                | Page 16 of 4   | 89 |
|----------------|----------------|----|
| Incident ID    | nAPP2314547818 |    |
| District RP    |                |    |
| Facility ID    |                |    |
| Application ID |                |    |

## **Remediation Plan**

| Remediation Plan Checklist: Each of the following items must be   | e included in the plan.  |
|---|--|
| ☐ Detailed description of proposed remediation technique ☐ Scaled sitemap with GPS coordinates showing delineation point ☐ Estimated volume of material to be remediated ☐ Closure criteria is to Table 1 specifications subject to 19.15.29.3 ☐ Proposed schedule for remediation (note if remediation plan times) | 2(C)(4) NMAC   |
| <u>Deferral Requests Only</u> : Each of the following items must be con   | firmed as part of any request for deferral of remediation.   |
| Contamination must be in areas immediately under or around predeconstruction.   | 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   | a, 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: Dale Woodall  | Title: Env. Professional   |
| Signature: Dala Woodall   | Date: 10-25-2023   |
| email: _dale.woodall@dvn.com  | Telephone: 575-748-1838  |
| OCD Only  |  |
| <del></del>   |  |
| Received by:  | Date:  |
| ☐ Approved ☐ Approved with Attached Conditions of   | Approval   |
| Signature:  | Date:  |

Received by OCD: 11/16/2023 1:51:12 PM Form C-141 State of New Mexico Page 6 Oil Conservation Division

Incident ID nAPP2314547818
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.

| Closure Report Attachment Checklist: Each of the following items must be included in the closure report.  |   |  |
|---|---|--|
| ✓ A scaled site and sampling diagram as described in 19.15.29.11 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 renhuman 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 conaccordance 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 |  |
|   | 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:  |  |

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

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

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

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

| Incident ID    | nAPP2201362323 |
|----------------|----------------|
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## **Release Notification**

#### **Responsible Party**

| Responsible Party Devon Energy Production Company   |                       |                |                          | OGRID <sub>61</sub>     | 37                                    |           |
|---|-----------------------|----------------|--------------------------|-------------------------|---------------------------------------|-----------|
| Contact Name Dale Woodall   |                       |                |                          | Contact Te              | lephone                               |           |
| Contact email Dale.Woodall@dvn.com  |                       |                |                          | Incident #              | (assigned by OCD)                     |           |
| Contact mail  | ing address           | 6488 Seven Ri  | vers Hwy Artes           | ia, NM 88210            |                                       |           |
|   |                       |                |                          | of Release So           |                                       |           |
| Latitude 32.255093 Longitude -103.579319  (NAD 83 in decimal degrees to 5 decimal places) |                       |                |                          |                         |                                       |           |
| Site Name Th  | istle Unit            | 44H CTB        |                          | Site Type               | <br>Dil                               |           |
| Date Release  |                       |                |                          | API# (if app            | licable)                              |           |
| Unit Letter   | Section               | Township       | Range                    | Coun                    | ıty                                   |           |
| N   | 33                    | 238            | 33E                      | Lea                     | a                                     |           |
|   |                       |                | ll that apply and attach | d Volume of I           | justification for the volumes provide | ed below) |
| Crude Oil Volume Released (bbls)  |                       |                | Volume Recovered (bbls)  |                         |                                       |           |
| ■ Produced  | Water                 | Volume Release | ed (bbls) 16.58 B        | BLS                     | Volume Recovered (bbls) 2             | BBLS      |
| Is the concentration of total dissolved s in the produced water >10,000 mg/l?             |                       |                |                          | Yes No                  |                                       |           |
| Condensa  | te                    | Volume Release | ed (bbls)                |                         | Volume Recovered (bbls)               |           |
| ☐ Natural Gas Volume Released (Mcf)   |                       |                |                          | Volume Recovered (Mcf)  |                                       |           |
| Other (describe) Volume/Weight Released (provide un                                       |                       |                | e units)                 | Volume/Weight Recovered | (provide units)                       |           |
| Cause of Rele   | <sup>ease</sup> Fluid | released from  | separator.               |                         |                                       |           |
|   |                       |                |                          |                         |                                       |           |

Received by OCD: 11/16/2023 1:51:12 PM Form C-141 State of New Mexico Page 2 Oil Conservation Division

| Page 19 of | F 489 |
|------------|-------|
|------------|-------|

| Incident ID    | nAPP2201362323 |
|----------------|----------------|
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

| Was this a major release as defined by 19.15.29.7(A) NMAC?      | If YES, for what reason(s) does the respon  | nsible party consider this a major release?  |
|---|---|--|
| Yes No  |   |  |
|   |   |  |
| If YES, was immediate not                                       | tice given to the OCD? By whom? To wh   | om? When and by what means (phone, email, etc)?  |
|   |   |  |
|   | Initial Re  | esponse  |
| The responsible po  | arty must undertake the following actions immediatel  | y unless they could create a safety hazard that would result in injury   |
| ■ The source of the relea                                       | ase has been stopped.   |  |
| ■ The impacted area has   | been secured to protect human health and  | the environment.   |
| Released materials have   | ve been contained via the use of berms or c   | likes, absorbent pads, or other containment devices.   |
| All free liquids and red  | coverable materials have been removed and   | d managed appropriately.   |
| If all the actions described                                    | above have <u>not</u> been undertaken, explain  | why:   |
| Spill was not in conta  | ainment.  |  |
|   |   |  |
|   |   |  |
|   |   |  |
| has begun, please attach a                                      | narrative of actions to date. If remedial   | emediation immediately after discovery of a release. If remediation efforts have been successfully completed or if the release occurred clease attach all information needed for closure evaluation.   |
| I hereby certify that the inform                                | mation given above is true and complete to the  | best of my knowledge and understand that pursuant to OCD rules and   |
| public health or the environm failed to adequately investigated | ent. The acceptance of a C-141 report by the C<br>te and remediate contamination that pose a thre | fications and perform corrective actions for releases which may endanger of DCD does not relieve the operator of liability should their operations have at to groundwater, surface water, human health or the environment. In responsibility for compliance with any other federal, state, or local laws |
| Printed Name: Kendra  | a DeHoyos   | Title: EHS Associate   |
| Signature: Kendra L   | DeHoyos   | Date: 1/13/2022  |
| email: Kendra.Ruiz  |   | Telephone: 575-748-0167  |
|   |   |  |
| OCD Only  |   |  |
| Received by: Ramona M   | arcus   | Date:1/14/2022   |

|                | Page 20 of 48  | 9 |
|----------------|----------------|---|
| Incident ID    | nAPP2201362323 |   |
| 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>&gt;101</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?  |                         |  |
| Are the lateral extents of the release within a 100-year floodplain?  |                         |  |
| 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 vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.  |                         |  |
| Characterization Report Checklist: Each of the following items must be included in the report.  |                         |  |
| <ul> <li>Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.</li> <li>Field data</li> <li>Data table of soil contaminant concentration data</li> <li>Depth to water determination</li> <li>Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release</li> <li>Boring or excavation logs</li> <li>Photographs including date and GIS information</li> <li>Topographic/Aerial maps</li> <li>Laboratory data including chain of custody</li> </ul> |                         |  |

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: 11/16/2023 1:51:12 PM Form C-141 State of New Mexico Page 4 Oil Conservation Division

|                | Page 21 of 4   | 89 |
|----------------|----------------|----|
| Incident ID    | nAPP2201362323 |    |
| District RP    |                |    |
| Facility ID    |                |    |
| Application ID |                |    |

| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |                                   |  |
|--|-----------------------------------|--|
| Printed Name: Dale Woodall   | Title: Environmental Professional |  |
| Signature: Dals Woodall  | Date: 10/30/2023                  |  |
| Email: dale.woodall@dvn.com  | Telephone: 405-318-4697           |  |
|  |                                   |  |
| OCD Only   |                                   |  |
| Received by:   | Date:                             |  |
|  |                                   |  |

Remediation Plan Checklist: Each of the following items must be included in the plan.

|                | Page 22 of 48  | 89 |
|----------------|----------------|----|
| Incident ID    | nAPP2201362323 |    |
| District RP    |                |    |
| Facility ID    |                |    |
| Application ID |                |    |

## **Remediation 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 b   | e confirmed as part of any request for deferral of remediation. |  |  |
| Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.   |   |  |  |
|  |   |  |  |
| ○ Contamination does not cause an imminent risk to human I   | nealth, the environment, or groundwater.                        |  |  |
|  |   |  |  |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |   |  |  |
| Printed Name: <u>Dale Woodall</u>  | Title: Environmental Professional                               |  |  |
| Signature: Dals Woodall  | Date: <u>10/30/2023</u>   |  |  |
| email: dale.woodall@dvn.com  | Telephone: <u>405-318-4697</u>                                  |  |  |
|  |   |  |  |
| OCD Only   |   |  |  |
| Received by:   | Date:   |  |  |
| Approved   | ns of Approval  |  |  |
| Signature:   | Date:   |  |  |

Page 23 of 489

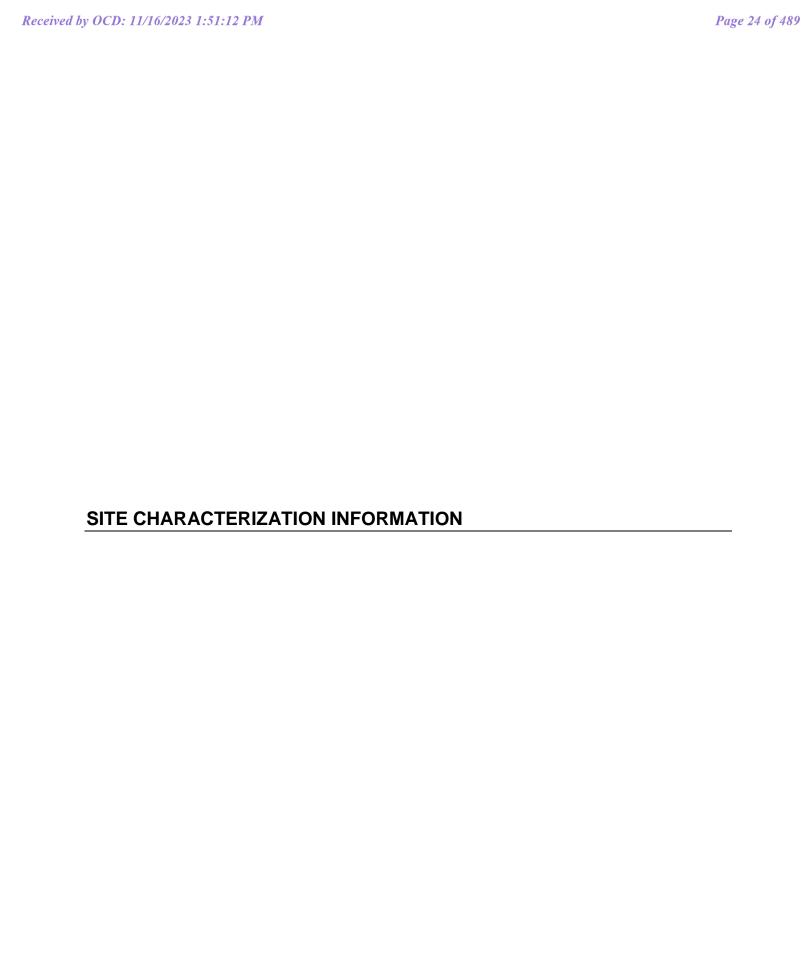
| Incident ID    | nAPP2201362323 |
|----------------|----------------|
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## 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.

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

| Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)   |  |  |
|---|--|--|
| ☐ Laboratory analyses of final sampling (Note: appropriate ODG  | C 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 certai may endanger public health or the environment. The acceptance of should their operations have failed to adequately investigate and renhuman health or the environment. In addition, OCD acceptance of | ations. The responsible party acknowledges they must substantially onditions that existed prior to the release or their final land use in                                    |  |
| Printed Name: <u>Dale Woodall</u>   | Title: Environmental Professional  |  |
| Signature: Dals Woodall   | Date: <u>10/30/2023</u>  |  |
| email: dale.woodall@dvn.com   | Telephone: <u>405-318-4697</u>   |  |
|   |  |  |
| 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 for regulations. |  |
| Closure Approved by:  | Date:  |  |
| Printed Name:   | Title:   |  |
|   |  |  |



#### **NMOCD Closure Criteria**

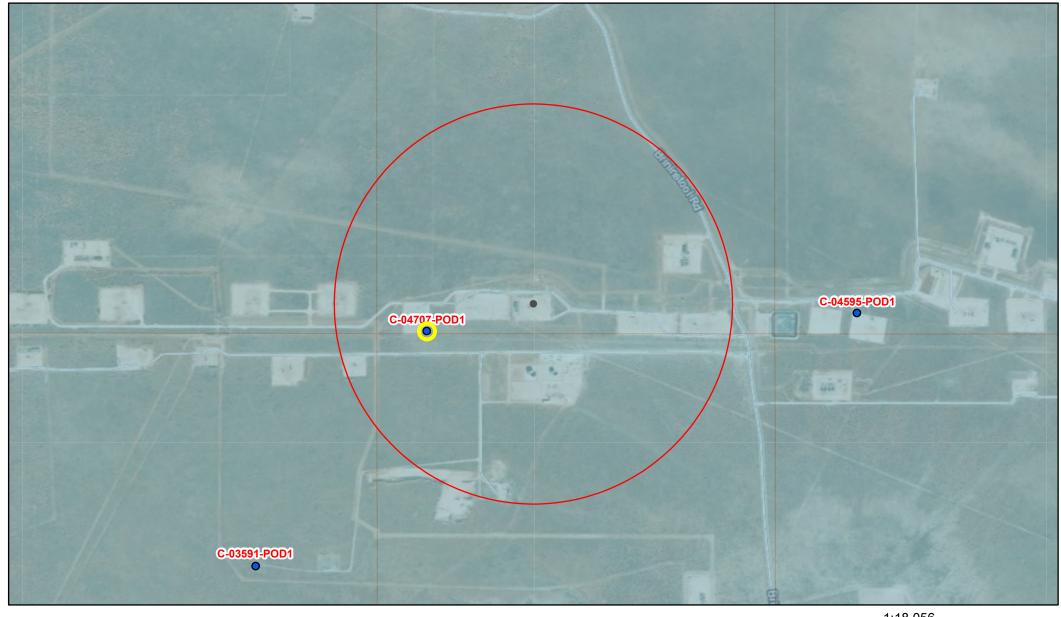
#### Thistle 44H CTB

| Site Information (19.15.29.11.A (2,3, & 4) NMAC)                | Source/Notes |                                    |  |  |  |
|---|--------------|------------------------------------|--|--|--|
| Depth to Groundwater ( ft bgs)                                  | >101         | Office of the State Engineer (OSE) |  |  |  |
| Horizontal Distance from All Water Sources Within 0.5 mile (ft) | N/A          | National Wetlands Inventory (NWS)  |  |  |  |
| Horizontal Distance to Nearest Significant Watercourse (ft)     | >2680        | National Wetlands Inventory (NWS)  |  |  |  |

| Closure Criteria (19.  | 15.29.12.B(4) a          | nd Table 1 NM | AC)       |              |         |    |  |  |
|--|--------------------------|---------------|-----------|--------------|---------|----|--|--|
| Double to Crowndy stor (6)   | Closure Criteria (mg/kg) |               |           |              |         |    |  |  |
| Depth to Groundwater (ft)  | Chloride*                | TPH           | GRO + DRO | BTEX         | Benzene |    |  |  |
| < 50   | 600                      | 100           |           | 50           | 10      |    |  |  |
| 51 - 100   |                          | 10,000        | 2,500     | 1,000        | 50      | 10 |  |  |
| >100   | х                        | 20,000        | 2,500     | 1,000        | 50      | 10 |  |  |
| Surface Water  | Yes/No                   |               |           | in yes, then |         |    |  |  |
| <300 ft from a continuously flowing watercourse or other significant |                          |               |           |              |         |    |  |  |
| watercourse?   | No                       |               |           |              |         |    |  |  |
| <200 ft from a lakebed, sinkhole, or playa lake?                     | No                       |               |           |              |         |    |  |  |
| Water Well or Water Source   |                          |               |           |              |         |    |  |  |
| <500 ft from a spring or a private, domestic fresh waster well used  |                          |               |           |              |         |    |  |  |
| by less that 5 households for domestic or livestock purposes?        |                          |               |           |              |         |    |  |  |
| by less that 5 households for domestic or livestock purposes?        | No                       |               |           |              |         |    |  |  |
| <1,000 ft from a fresh water well or spring?                         | No                       |               |           |              |         |    |  |  |
| Human and Other Area   |                          | 600           | 100       |              | 50      | 10 |  |  |
| <300 ft from an occupied permanent residence, school, hospital,      |                          |               |           |              |         |    |  |  |
| institution or church?   | No                       |               |           |              |         |    |  |  |
| Within incorporated municipal boundaries or within a defined         |                          |               |           |              |         |    |  |  |
| municipal fresh water well field?                                    | No                       |               |           |              |         |    |  |  |
| <100 ft from a wetland?  | No                       |               |           |              |         |    |  |  |
| Within an area overlying a subsurface mine?                          | No                       | ]             |           |              |         |    |  |  |
| Within and unstable area?  | No                       | 1             |           |              |         |    |  |  |
| Within a 100 yr floodplain?  | No                       | 1             |           |              |         |    |  |  |

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

## **OSE POD Locations Map**



7/24/2023, 12:14:59 PM **GIS WATERS PODs** 

OSE District Boundary
Released to Imaging: 2/19/2024 3:37:05 PM

Water Right Regulations New Mexico State Trust Lands

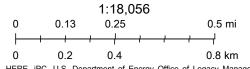
Active

Closure Area

**Both Estates** 



SiteBoundaries



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



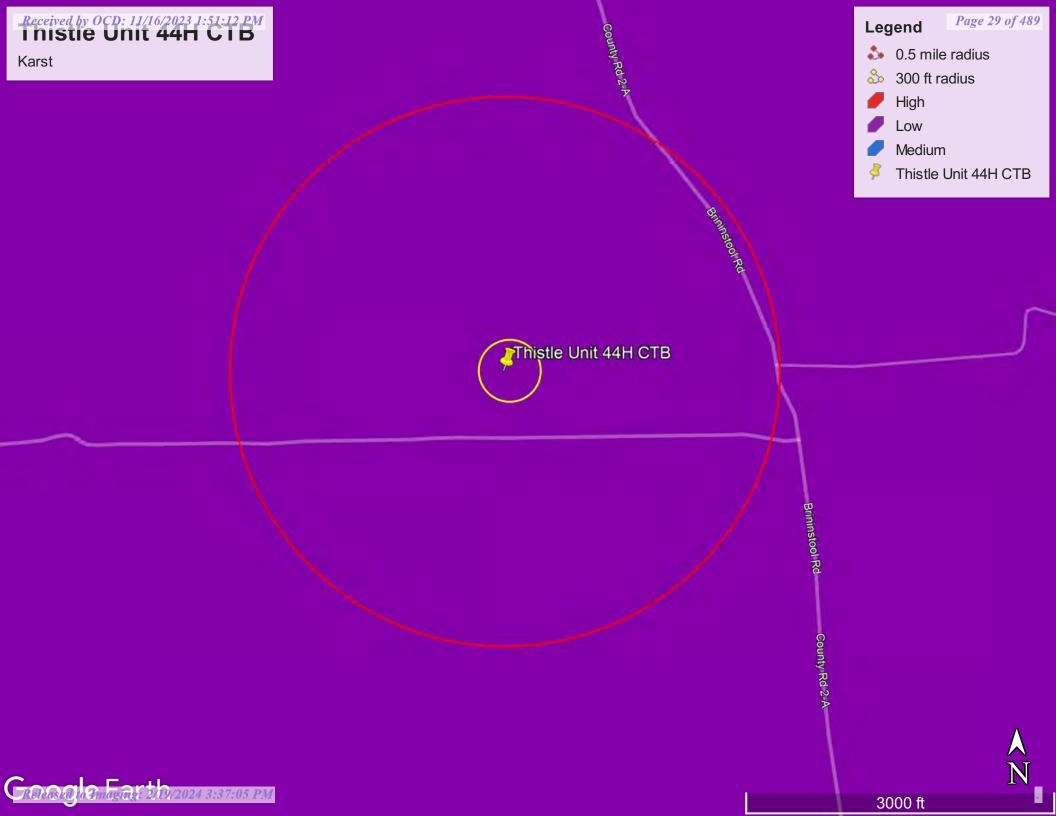
| OSE POD NO. (WELL NO.) POD 1 (TW-1)  WELL OWNER NAME(S)  WELL TAG ID NO. N/A  |                     |                                    |                                      |   |                                  |              |                                   |                 | OSE FILE NO(S).<br>C-4707      |           |                                 |              |  |  |
|---|---------------------|------------------------------------|--------------------------------------|---|----------------------------------|--------------|-----------------------------------|-----------------|--------------------------------|-----------|---------------------------------|--------------|--|--|
|   | Energy              | ME(S)                              |                                      |   | PHONE (OPTIONAL)<br>575-748-1838 |              |                                   |                 |                                |           |                                 |              |  |  |
|   | 7 Rivers            |                                    | ADDRESS                              |   | CITY STATE ZIP Artesia NM 88210  |              |                                   |                 |                                |           |                                 |              |  |  |
|   |                     | D                                  | EGREES<br>32                         | SECONDS<br>14.18  | N                                | ACCURACY     | Y REQUIRED: ONE TENTH OF A SECOND |                 |                                |           |                                 |              |  |  |
| (FRO  | M GPS)              | LON                                | GITUDE                               | 103   | 35                               | 1.32         | W                                 | * DATUM REC     | QUIRED: WGS                    | 84        |                                 |              |  |  |
|   |                     |                                    | G WELL LOCATION TO<br>T23S R33E NMPN |   | ESS AND COMMO                    | N LANDMAR    | KS – PL                           | SS (SECTION, TO | WNSHJIP, RAN                   | GE) WHERE | AVAILABLE                       |              |  |  |
| LICENS  | SE NO.<br>1249      |                                    | NAME OF LICENSEI                     |   | ackie D. Atkins                  | 5            |                                   |                 |                                |           | G COMPANY<br>ring Associates, I | nc.          |  |  |
| 3,3,500   | NG START<br>4/11/23 | ED                                 | DRILLING ENDED<br>4/12/23            |   | MPLETED WELL (F                  | 200          |                                   | ±101            | DEPTH WAT                      |           | NCOUNTERED (FT)                 |              |  |  |
| COMPI   | ETED WEI            | L IS:                              | ARTESIAN                             | ✓ DRY HOLI  | SHALLO                           | OW (UNCONF   | INED)                             |                 | <br>WATER LEVEI<br>PLETED WELL |           | DATE STATIC                     |              |  |  |
| DRILLI  | NG FLUID:           |                                    | AIR                                  | ☐ MUD   | ADDITIV                          | VES - SPECIF | Y:                                | 10.17           |                                |           |                                 |              |  |  |
| DRILLING METHOD: ROTARY HAMMER CABLE TOOL OTHER - SPECIFY: Hollow Stem Auger CHECK HERE IF PITLESS ADAPTER IS INSTALLED |                     |                                    |                                      |   |                                  |              |                                   |                 |                                |           |                                 |              |  |  |
| DEPTH (feet bgl) FROM TO  |                     |                                    | BORE HOLE DIAM                       | CASING MATERIAL AND/OR<br>GRADE<br>(include each casing string, and |                                  |              | CASING<br>CONNECTION              |                 |                                |           | ASING WALL<br>THICKNESS         | SLOT<br>SIZE |  |  |
| (inches)  |                     | note sections of screen) (add coup |                                      |   | TYPE<br>oling diameter)          | (inches)     |                                   | (inches)        | (inches                        |           |                                 |              |  |  |
| 0   | 0 101 ±6.25         |                                    | Soil Boring                          |   |                                  | -            | **                                |                 | ÷                              | 7         |                                 |              |  |  |
|   |                     |                                    |                                      |   |                                  | - 11         |                                   |                 |                                |           |                                 |              |  |  |
|   |                     |                                    |                                      |   |                                  |              |                                   |                 |                                |           |                                 |              |  |  |
|   |                     |                                    |                                      |   |                                  | 3            |                                   |                 |                                |           |                                 |              |  |  |
|   |                     |                                    |                                      |   |                                  |              |                                   |                 |                                |           |                                 |              |  |  |
| DE  | PTH (feet           | bgl)                               | BORE HOLE                            | LIS   | T ANNULAR S                      | EAL MATE     | RIAL                              | AND             | AMO                            | UNT       | метно                           | D OF         |  |  |
| FROM TO   |                     | DIAM. (inches)                     | GRAVEL PACK SIZE-RANGE BY INT        |   |                                  |              |                                   | (cubic feet)    |                                | PLACEMENT |                                 |              |  |  |
|   | +                   | -                                  |                                      |   |                                  | N/A          |                                   |                 |                                |           |                                 |              |  |  |
|   |                     |                                    |                                      |   |                                  |              |                                   |                 |                                |           |                                 | -            |  |  |
|   |                     |                                    |                                      |   |                                  |              |                                   |                 | 052.0                          |           | 2028 W35                        | 0-           |  |  |
|   |                     |                                    |                                      |   |                                  |              |                                   |                 |                                |           |                                 |              |  |  |
|   | TERNAL              | 1                                  | 7                                    |   | hones                            | . 1          |                                   |                 |                                |           | OG (Version 01/2                | 8/2022)      |  |  |
| NO.   | - 1                 | 7 1                                | 0 1                                  | 3 4   | 3 3                              | J.           |                                   | TRN             | 140                            | 1696      |                                 |              |  |  |

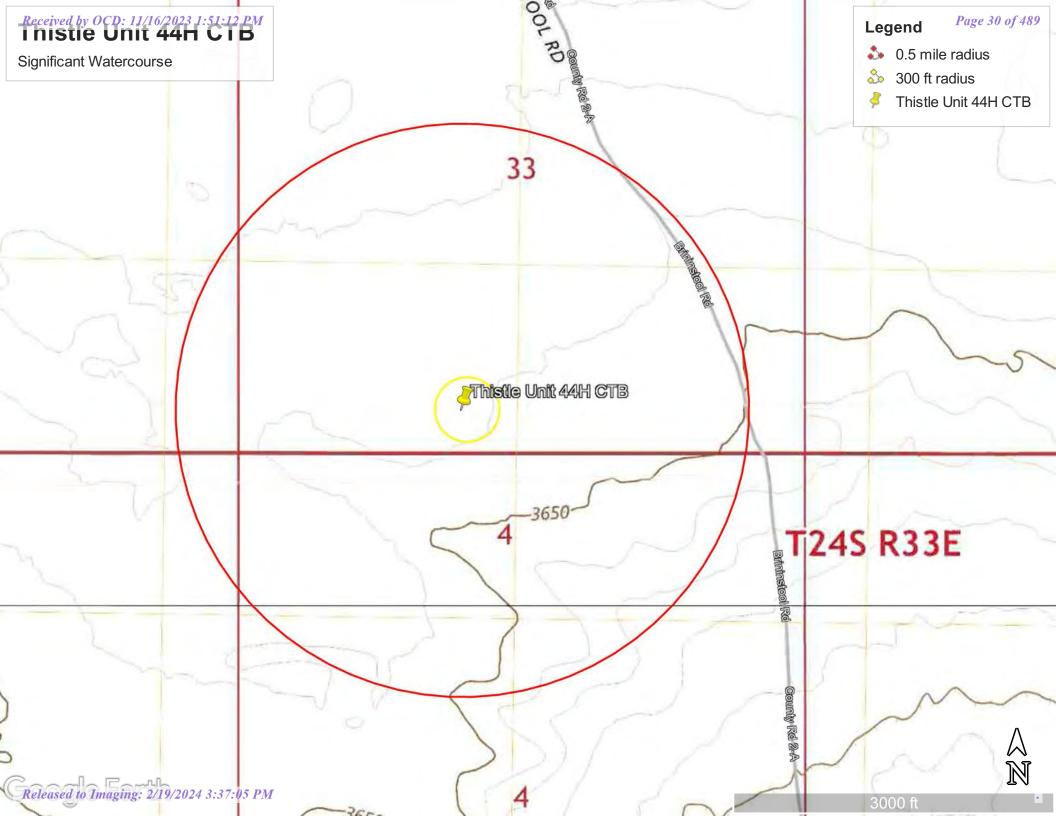
|                              | DEPTH (fe    | et bgl)   | THE PARTY IS AS     | COLOR AND TYPE OF MATERIAL ENCOUNTERE  | D -                             | WATER                         | ESTIMATED<br>YIELD FOR           |  |  |  |  |  |
|------------------------------|--------------|---|---------------------|--|---------------------------------|-------------------------------|----------------------------------|--|--|--|--|--|
|                              | FROM         | то  | THICKNESS<br>(feet) | INCLUDE WATER-BEARING CAVITIES OR FRACTURE (attach supplemental sheets to fully describe all uni   |                                 | BEARING?<br>(YES / NO)        | WATER-<br>BEARING<br>ZONES (gpm) |  |  |  |  |  |
|                              | 0            | 9   | 9                   | Sand, fine-grained, poorly graded with caliche, Tan  | Y /N                            |                               |                                  |  |  |  |  |  |
|                              | 9            | 50  | 41                  | Sand, fine-grained, poorly graded, cemented layers , T   | an                              | Y ✓N                          |                                  |  |  |  |  |  |
|                              | 50           | 65  | 15                  | Sand, very fine-grained, poorly graded, Tan / Brown  | 1                               | Y ✓N                          |                                  |  |  |  |  |  |
|                              | 65           | 101   | 36                  | Clay, Stiff, consolidated, with fine silt, Reddish Brow  | 'n                              | Y ✓N                          |                                  |  |  |  |  |  |
|                              |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
| 7                            |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
| WE                           |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
| Ö                            |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
| Ŏ                            |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
| 210                          |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
| ŏ                            |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
| GEO                          |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
| 4. HYDROGEOLOGIC LOG OF WELL |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
| H                            |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
| 4                            |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
|                              |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
|                              |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
|                              |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
|                              |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
|                              |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
|                              |              |   |                     |  |                                 | Y N                           |                                  |  |  |  |  |  |
|                              | METHOD US    | SED TO E  | STIMATE YIELD       | OF WATER-BEARING STRATA:   |                                 | TAL ESTIMATED                 |                                  |  |  |  |  |  |
|                              | PUMP         |   | AIR LIFT            | BAILER OTHER – SPECIFY:  | WE                              | ELL YIELD (gpm):              | 0.00                             |  |  |  |  |  |
| z                            | WELL TEST    | ING DISCHARGE<br>HE TESTING PERIO   |                     |  |                                 |                               |                                  |  |  |  |  |  |
| TEST; RIG SUPERVISION        | MISCELLAN    | EOUS IN   | 41                  | mporary well material removed and soil boring backfilled to<br>low ground surface(bgs), then hydrated bentonite chips ten<br>istle Unit #043     | ising drill cu<br>feet bgs to s | urrace.                       | 254.00                           |  |  |  |  |  |
| ESI                          | PRINT NAM    | PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: |                     |  |                                 |                               |                                  |  |  |  |  |  |
| 5. 1                         | Shane Eldrid |   |                     |  | -02-5/4-10                      |                               |                                  |  |  |  |  |  |
| SIGNATURE                    | CORRECT R    | ECORD (   | OF THE ABOVE D      | IES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AS<br>ESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS<br>0 DAYS AFTER COMPLETION OF WELL DRILLING: |                                 |                               |                                  |  |  |  |  |  |
| SIGN                         | Jack A       | tkins   |                     | Jackie D. Atkins   |                                 | 4/26/23                       |                                  |  |  |  |  |  |
| 9                            |              | SIGNA   | TURE OF DRILLE      | R / PRINT SIGNEE NAME  |                                 | DATE                          |                                  |  |  |  |  |  |
| FO                           | OSE DEPEND   | AT TIED   |                     | 11/0   | 20 WELL D                       | ECORD & LOC OV                | reion 01/29/202                  |  |  |  |  |  |
|                              | E NO.        | -47r  | 7                   |  |                                 | ECORD & LOG (VE<br>12 lo 9 lo | 151011 01/28/202                 |  |  |  |  |  |

WELL TAG ID NO. MY

PAGE 2 OF 2

LOCATION







#### Thistle unit 44H CTB



July 24, 2023

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Lake

Freshwater Forested/Shrub Wetland

Other

Freshwater Pond



Riverine

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

## National Flood Hazard Layer FIRMette



#### 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 OTHER AREAS OF Area with Flood Risk due to Levee Zone D FLOOD HAZARD NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary -- Coastal Transect Baseline OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped The pin displayed on the map is an approximate

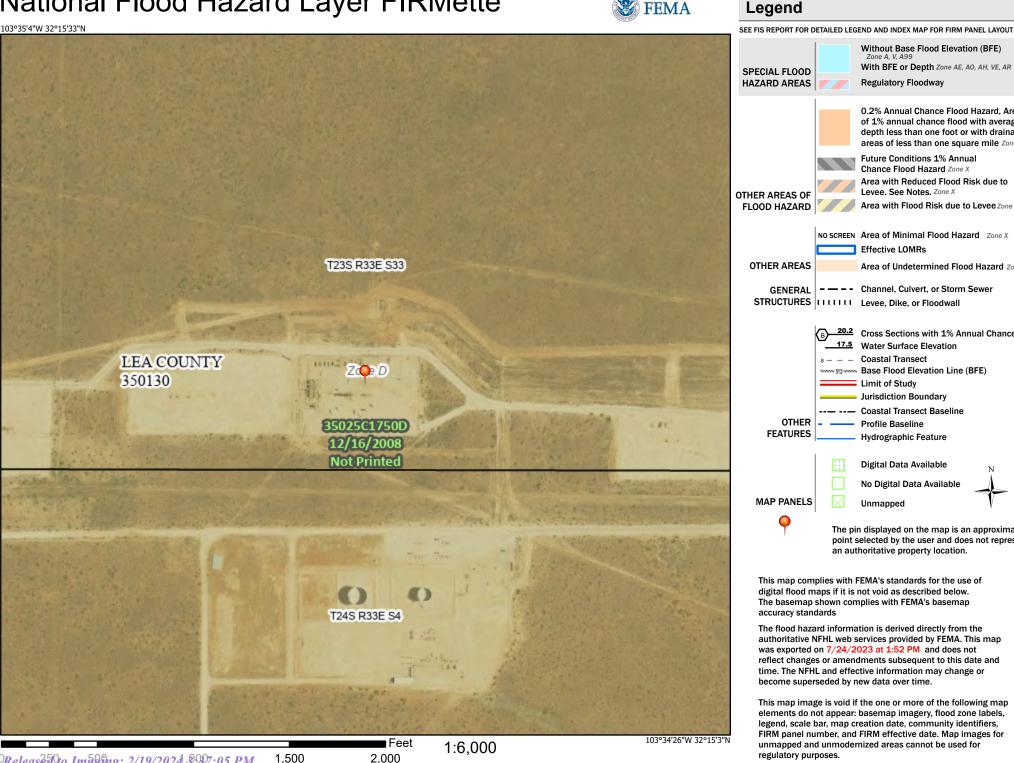
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

point selected by the user and does not represent

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/24/2023 at 1:52 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.

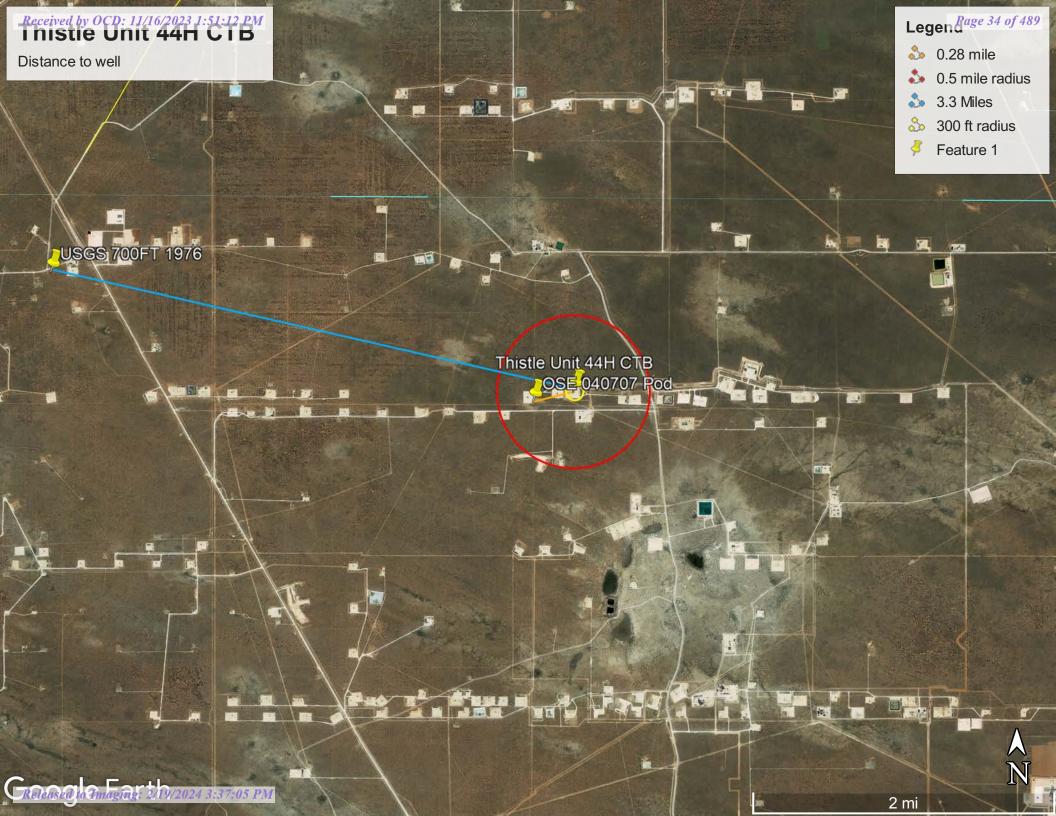
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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





**National Water Information System: Mapper** 





**TABLES** 

# Table 1 Summary of Soil Analytical Data - Delineation Samples Devon Energy Production Company Lea County, New Mexico

|           |             |          |           |         |              |         |            | ТРН     |         |                  |                   |                   |             |  |
|-----------|-------------|----------|-----------|---------|--------------|---------|------------|---------|---------|------------------|-------------------|-------------------|-------------|--|
|           |             |          | Benzene   | Toluene | Ethylbenzene | Xylenes | ВТЕХ       |         |         |                  |                   |                   | Chloride    |  |
|           |             |          | Belizelle |         |              |         |            | C-10)   | C28)    | GRO + DRO        | MRO (C28-<br>C35) | Total GRO/DRO/MRO | Cilioride   |  |
| Sample ID | Sample Date | Depth    | (mg/kg)   | (mg/kg) | (mg/kg)      | (mg/kg) | (mg/kg)    | (mg/kg) | (mg/kg) | (mg/kg)          | (mg/kg)           | (mg/kg)           | (mg/kg)     |  |
|           |             | (ft bgs) | (mg/kg)   | (mg/kg) | ,            |         |            |         |         | ndwater 19.15.29 |                   | (mg/kg)           | (mg/kg)     |  |
|           |             |          | 10 mg/kg  |         |              |         |            |         |         | 1000 mg/kg       |                   | 2500 mg/kg        | 20000 mg/kg |  |
|           |             |          | 10 mg/kg  |         |              |         | 50 mg/kg   |         |         | 1000 mg/kg       |                   | 2500 mg/kg        | 20000 mg/kg |  |
|           |             |          |           |         |              |         | on Samples |         |         |                  |                   |                   |             |  |
|           | 11/11/2022  | 0-0.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | 2240    | 2240             | 858               | 3098              | 4720        |  |
|           | 11/11/2022  | 1-1.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 1280        |  |
| S-1       | 11/11/2022  | 2-2.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 1200        |  |
|           | 11/11/2022  | 3-3.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 2160        |  |
|           | 11/11/2022  | 4-4.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 2400        |  |
|           | 11/11/2022  | 5-5.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 1600        |  |
|           | 11/11/2022  | 0-0.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 3500        |  |
|           | 11/11/2022  | 1-1.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 2000        |  |
| S-2       | 11/11/2022  | 2-2.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 1200        |  |
|           | 11/11/2022  | 3-3.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 1040        |  |
|           | 11/11/2022  | 4-4.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 3040        |  |
|           | 11/11/2022  | 5-5.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 3280        |  |
|           | 11/11/2022  | 0-0.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 1280        |  |
|           | 11/11/2022  | 1-1.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 3120        |  |
| S-3       | 11/11/2022  | 2-2.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 4320        |  |
|           | 11/11/2022  | 3-3.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 4560        |  |
|           | 11/11/2022  | 4-4.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 6560        |  |
|           | 11/11/2022  | 5-5.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 5760        |  |
|           | 11/11/2022  | 0-0.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | 83.1    | 5980    | 6063.1           | 1030              | 7093.1            | 512         |  |
|           | 11/11/2022  | 1-1.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | 21.3    | 21.3             | <10.0             | 21.3              | 192         |  |
| S-4       | 11/11/2022  | 2-2.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 144         |  |
|           | 11/11/2022  | 3-3.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 112         |  |
|           | 11/11/2022  | 4-4.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 80          |  |
|           | 11/11/2022  | 5-5.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | 13.9    | 13.9             | <10.0             | 13.9              | 128         |  |
|           | 11/11/2022  | 0-0.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 768         |  |
|           | 11/11/2022  | 1-1.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 5120        |  |
| S-5       | 11/11/2022  | 2-2.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 2480        |  |
|           | 11/11/2022  | 3-3.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 352         |  |
|           | 11/11/2022  | 4-4.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 400         |  |
|           | 11/11/2022  | 5-5.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 64          |  |
|           | 11/11/2022  | 0-0.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 1460        |  |
|           | 11/11/2022  | 1-1.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 720         |  |
| S-6       | 11/11/2022  | 2-2.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 128         |  |
|           | 11/11/2022  | 3-3.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 48          |  |
|           | 11/11/2022  | 4-4.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 32          |  |
|           | 11/11/2022  | 5-5.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 16          |  |
|           | 11/11/2022  | 0-0.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | 14.7    | 14.7             | <10.0             | 14.7              | 784         |  |
|           | 11/11/2022  | 1-1.5"   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 448         |  |
| S-7       | 11/11/2022  | 2-2.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 192         |  |
|           | 11/11/2022  | 3-3.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 176         |  |
|           | 11/11/2022  | 4-4.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 224         |  |
|           | 11/11/2022  | 5-5.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 256         |  |
| S-8       | 11/11/2022  | 0-0.5'   | <0.050    | <0.050  | <0.050       | <0.150  | <0.300     | <10.0   | <10.0   | <10.0            | <10.0             | <10.0             | 3600        |  |

NTGE Project Number: 237481

| Sample   December   December   Sample   December   |           |             |          |                     |           |                |          |         |              |          | TOU       |           |            |             |
|--|-----------|-------------|----------|---------------------|-----------|----------------|----------|---------|--------------|----------|-----------|-----------|------------|-------------|
| Sample   Depth   (hegs)  |           |             |          | Renzene             | Toluene   | Fthylhenzene   | Yulonos  | RTFY    | GRO ICE      | DPO (C10 | IPH       | MPO (C29  | Total      | Chlorida    |
|  |           |             | Danish   | Delizerie           | Toluelle  | Luiyibelizelle | Aylelles | BILA    |              | -        | GRO + DRO |           |            | Cilioriae   |
| Second Process   | Sample ID | Sample Date |          | (mg/kg)             | (ma/ka)   | (mg/kg)        | (mg/kg)  | (mg/kg) |              | •        | (ma/ka)   | · · · · · |            | (mg/kg)     |
| 11/11/2022   1-1-5*   0.000-0   -0.00 |           |             | (it bgs) | (IIIg/Kg)           | (IIIg/Kg) | ,              |          | ,       |              |          |           |           | (1118/148) | (1116/146)  |
| 1/11/10/22   |           |             |          | 10 mg/kg            |           | l              | 1        |         |              |          |           |           | 2500 mg/kg | 20000 mg/kg |
| 1/11/20/22   2-2-5   <0.050   0.050  |           | 44/44/2022  | 4.4.511  | <b>5</b> . <b>5</b> |           |                |          | 0. 0    |              |          |           |           | <b>.</b> . | 0. 0        |
| 1/11/10/10/2   3-3-5'   close   clos |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 1/11/10/22   | co        |             |          |                     |           |                |          |         |              |          | ====      |           |            |             |
| 1/11/19/22   | 3-0       |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 1/11/19/22   |           | <u> </u>    |          |                     |           |                |          |         |              |          |           |           |            |             |
| \$9. \$\begin{array}{c c c c c c c c c c c c c c c c c c c   |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| \$-9   \begin{array}{c c c c c c c c c c c c c c c c c c c   |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 11/11/2022   3.3.5'  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 11/11/2022   | S-9       |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 11/11/10/22   5-5.5   6-0.50   4-0.50 |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| H-1  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| H-2  | U 1       |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| H-3  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| H-4  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| H-5  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| H-6  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| H-7  |           |             |          |                     |           |                |          |         | 1            |          |           |           |            |             |
| H-8  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 9/28/2023   1-1.5'   4.33   53   18.7   80.8   157   1640   3760   5400   764   6164   320   |           | <u> </u>    |          |                     |           |                |          |         |              |          |           |           |            |             |
| 9/28/2023   0-0.5'   2.58   17.8   5.63   37.1   63.1   999   6480   7479   1510   8989   160  | 110       | 11/11/2022  | 0 0.5    | ₹0.030              | ₹0.030    | ₹0.030         |          | L       | <b>\10.0</b> | ₹10.0    | ₹10.0     | 10.0      | 10.0       | 10          |
| 9/28/2023  |           | 9/28/2023   | 0-0.5'   | 2.58                | 17.8      | 5.63           |          |         | 999          | 6480     | 7479      | 1510      | 8989       | 160         |
| Y-1   Y-2  |           |             |          |                     |           |                | _        |         |              |          |           |           |            |             |
| 9/28/2023   3-3.5'   4.34   39.3   15.5   73.6   133   1330   2930   4260   45   4305   80   |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| V-1         9/28/2023         4-4.5'         0.877         12.4         7.64         41.2         62.1         1250         3240         4490         521         5011         48           11/10/2023         5-5.5'         <0.025   |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 11/10/2023   5-5.5'   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <20.0   <25.0   <25.0   <50.0   <50.0   <20.0   <20.0   <11/10/2023   6-6.5'   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <20.0   <25.0   <25.0   <50.0   <50.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20 | V-1       |             |          | _                   |           |                |          |         |              |          |           |           |            |             |
| 11/10/2023   6-6.5'   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025 |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 1/10/2023   7-7.5'   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <20.0   <25.0   <25.0   <50.0   <50.0   <20.0   <20.0   <1/10/2023   8-8.5'   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <20.0   <25.0   <25.0   <25.0   <50.0   <50.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20.0   <20. |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 11/10/2023   8-8.5'   <0.025   <0.025   <0.025   <0.025   <0.025   <0.025   <20.0   <25.0   <25.0   <50.0   <50.0   <20.0   <20.0  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| V-2         9/28/2023         0-0.5'         <0.050         0.064         <0.050         <0.150         0.064         <10.0         77.6         77.6         11.3         88.9         272           9/28/2023         1-1.5'         <0.050  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| V-2         9/28/2023         2-2.5'         <0.050         <0.050         <0.150         <0.300         <10.0         25.3         25.3         <10.0         25.3         64           9/28/2023         3-3.5'         <0.050   |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| V-2         9/28/2023         2-2.5'         <0.050         <0.050         <0.150         <0.300         <10.0         25.3         25.3         <10.0         25.3         64           9/28/2023         3-3.5'         <0.050   |           | 9/28/2023   | 1-1.5'   | <0.050              | <0.050    | <0.050         | <0.150   | <0.300  | <10.0        | <10.0    | <10.0     | <10.0     | <10.0      | 32          |
| 9/28/2023   3-3.5'   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050  | V-2       |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 9/28/2023   4-4.5'   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050   <0.050  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 9/28/2023         0-0.5¹         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.0  |           | -, -, -     |          |                     |           |                |          |         |              |          | ====      |           |            |             |
| 9/28/2023         1-1.5'         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.0  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| V-3  9/28/2023 2-2.5'  |           |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 9/28/2023         4-4.5¹         <0.050         <0.050         <0.050         <0.150         <0.300         <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  | V-3       |             |          |                     |           |                |          |         |              |          |           |           |            |             |
| 9/28/2023         4-4.5¹         <0.050         <0.050         <0.050         <0.150         <0.300         <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  |           | 9/28/2023   | 3-3.5'   | <0.050              | <0.050    | <0.050         | <0.150   | <0.300  | <10.0        | 13.3     | 13.3      | <10.0     | 13.3       | 672         |
| 9/28/2023         0-0.5'         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.050         <0.0  |           |             | 4-4.5'   | <0.050              | <0.050    | <0.050         | <0.150   | <0.300  | <10.0        | <10.0    | <10.0     | <10.0     | <10.0      | 3320        |
| 9/28/2023       1-1.5'       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050       <0.050 <td></td> <td></td> <td>0-0.5'</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>&lt;10.0</td> <td></td> <td></td> <td></td> <td></td> <td></td>   |           |             | 0-0.5'   |                     |           |                |          |         | <10.0        |          |           |           |            |             |
| V-4 9/28/2023 2-2.5' <0.050 <0.050 <0.050 <0.150 <0.300 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 1840<br>9/28/2023 3-3.5' <0.050 <0.050 <0.050 <0.050 <0.150 <0.300 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0   |           |             | 1-1.5'   | <0.050              | <0.050    | <0.050         | <0.150   | <0.300  | <10.0        | <10.0    | <10.0     | <10.0     | <10.0      | 1230        |
| 9/28/2023 3-3.5' <0.050 <0.050 <0.050 <0.150 <0.300 <10.0 <10.0 <10.0 <10.0 <10.0 <10.0 1060   | V-4       |             |          |                     |           |                |          |         |              |          |           |           |            |             |
|  |           | <u> </u>    |          |                     |           |                |          |         |              |          |           |           |            |             |
|  |           | 9/28/2023   |          |                     |           |                |          |         |              |          |           |           |            |             |

|             |             |          |          |         |              |               |                  |                 |               | TPH              |           |             |             |
|-------------|-------------|----------|----------|---------|--------------|---------------|------------------|-----------------|---------------|------------------|-----------|-------------|-------------|
|             |             |          | Benzene  | Toluene | Ethylbenzene | Xylenes       | BTEX             | GRO (C6-        | DRO (C10-     | GRO + DRO        | MRO (C28- | Total       | Chloride    |
| Committe ID |             | Depth    |          |         |              |               |                  | C-10)           | C28)          | GRO + DRO        | C35)      | GRO/DRO/MRO |             |
| Sample ID   | Sample Date | (ft bgs) | (mg/kg)  | (mg/kg) | (mg/kg)      | (mg/kg)       | (mg/kg)          | (mg/kg)         | (mg/kg)       | (mg/kg)          | (mg/kg)   | (mg/kg)     | (mg/kg)     |
|             |             |          |          |         | Ta           | able I Closur | e Criteria for S | oil >100 feet [ | Depth to Grou | ndwater 19.15.29 | 9 NMAC    |             |             |
|             |             |          | 10 mg/kg |         |              |               | 50 mg/kg         |                 |               | 1000 mg/kg       |           | 2500 mg/kg  | 20000 mg/kg |
|             | 9/28/2023   | 0-0.5'   | <0.050   | 1.31    | 3.27         | 16.7          | 21.3             | 452             | 4740          | 5192             | 801       | 5993        | 2120        |
| V-5         | 9/28/2023   | 1-1.5'   | <0.050   | <0.050  | <0.050       | <0.150        | <0.300           | <10.0           | 146           | 146              | 22.2      | 168.2       | 528         |
| V-3         | 9/28/2023   | 2-2.5'   | <0.050   | < 0.050 | <0.050       | <0.150        | < 0.300          | <10.0           | <10.0         | <10.0            | <10.0     | <10.0       | 240         |
|             | 9/28/2023   | 3-3.5'   | <0.050   | < 0.050 | <0.050       | <0.150        | < 0.300          | <10.0           | <10.0         | <10.0            | <10.0     | <10.0       | 400         |
| V-5         | 9/28/2023   | 4-4.5'   | <0.050   | < 0.050 | <0.050       | <0.150        | < 0.300          | <10.0           | <10.0         | <10.0            | <10.0     | <10.0       | 256         |
|             |             |          |          |         |              |               |                  |                 |               |                  |           |             |             |

#### 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

|           |             |          |          |         |              |         |                    |                      |                   | TPH                 |                   |                   |              |
|-----------|-------------|----------|----------|---------|--------------|---------|--------------------|----------------------|-------------------|---------------------|-------------------|-------------------|--------------|
| Sample ID | Sample Date | Depth    | Benzene  | Toluene | Ethylbenzene | Xylenes | ВТЕХ               | GRO (C6-C-<br>10)    | DRO (C10-<br>C28) | GRO + DRO           | MRO (C28-<br>C35) | Total GRO/DRO/MRO | Chloride     |
| Jampie ID | Sample Date | (ft bgs) | (mg/kg)  | (mg/kg) | (mg/kg)      | (mg/kg) | (mg/kg)            | (mg/kg)              | (mg/kg)           | (mg/kg)             | (mg/kg)           | (mg/kg)           | (mg/kg)      |
|           |             |          |          |         |              | Tab     | le I Closure Crite | eria for Soil ≤ 50 f | eet Depth to Gro  | undwater 19.15.29 ľ | NMAC              |                   |              |
|           |             |          | 10 mg/kg |         |              |         | 50 mg/kg           |                      |                   | 1,000 mg/kg         |                   | 2,500 mg/kg       | 20,000 mg/kg |
|           |             |          |          |         |              | C       | Confirmation Sa    | mples                |                   |                     |                   |                   |              |
|           | 6/7/2023    | 0-1'     | 9.17     | 155     | 64.3         | 252     | 480                | 3860                 | 8820              | 12680               | 1320              | 14000             | 1220         |
| V-1       | 6/7/2023    | 1-1.5'   | 0.623    | 14.1    | 9.27         | 40.2    | 64.2               | 607                  | 4030              | 4637                | 689               | 5326              | 1520         |
| V-1       | 6/7/2023    | 2-2.5'   | < 0.050  | <0.050  | <0.050       | <0.150  | <0.300             | <10.0                | 38.4              | 38.4                | 12.0              | 50.4              | 448          |
|           | 6/7/2023    | 3-3.5'   | <0.050   | <0.050  | <0.050       | <0.150  | <0.300             | <10.0                | <10.0             | <10.0               | <10.0             | <10.0             | 192          |
|           | 6/7/2023    | 0-1'     | <0.050   | <0.050  | <0.050       | <0.150  | <0.300             | <10.0                | 627               | 627                 | 125               | 752               | 10000        |
| V-2       | 6/7/2023    | 1-1.5'   | <0.050   | <0.050  | <0.050       | <0.150  | <0.300             | <10.0                | 75.7              | 75.7                | 52.3              | 128               | 960          |
|           | 6/7/2023    | 2-2.5'   | <0.050   | <0.050  | <0.050       | <0.150  | <0.300             | <10.0                | <10.0             | <10.0               | <10.0             | <10.0             | 192          |
|           |             |          |          |         |              | ŀ       | Horizontal Delini  | ation                |                   |                     |                   |                   |              |
| H-1       | 6/7/2023    | surface  | <0.050   | <0.050  | <0.050       | <0.150  | <0.300             | <10.0                | <10.0             | <10.0               | <10.0             | <10.0             | 176          |
| H-2       | 6/7/2023    | surface  | <0.050   | <0.050  | <0.050       | <0.150  | <0.300             | <10.0                | <10.0             | <10.0               | <10.0             | <10.0             | 352          |
| H-3       | 6/7/2023    | surface  | <0.050   | <0.050  | <0.050       | <0.150  | <0.300             | <10.0                | <10.0             | <10.0               | <10.0             | <10.0             | 160          |
| H-4       | 6/7/2023    | surface  | <0.050   | <0.050  | <0.050       | <0.150  | <0.300             | <10.0                | <10.0             | <10.0               | <10.0             | <10.0             | 320          |

#### 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

|           |             |                 |                      |                      |                      |                          |                      |                     |                     | TOLI                |                     |  |                 |
|-----------|-------------|-----------------|----------------------|----------------------|----------------------|--------------------------|----------------------|---------------------|---------------------|---------------------|---------------------|--|-----------------|
|           |             |                 | Benzene              | Toluene              | Ethvlbenzene         | Xvlenes                  | BTEX                 | GRO (C6-            | DRO (C10-           | ТРН                 | MRO (C28-           | Total                                    | Chloride        |
|           |             | Depth           | Belizelle            | Toluelle             | Ethylbenzene         | Aylelles                 | DIEX                 | C10)                | C28)                | GRO + DRO           | MRO (C28-<br>C35)   | GRO/DRO/MRO                              | Cilioride       |
| Sample ID | Sample Date | (ft bgs)        | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)                  | (mg/kg)              | (mg/kg)             | (mg/kg)             | (mg/kg)             | (mg/kg)             | (mg/kg)                                  | (mg/kg)         |
|           |             | (10 263)        | V 0/ 0/              | , o, o,              | ,                    |                          |                      |                     |                     | ndwater 19.15.29    |                     | \ 0, 0,                                  | , o, o,         |
|           |             |                 | 10 mg/kg             |                      |                      |                          | 50 mg/kg             |                     |                     | 1000 mg/kg          |                     | 2500 mg/kg                               | 20000 mg/kg     |
|           |             |                 | 3, 5                 |                      |                      | <u>l</u><br>Confirmation | Base Sample          | ·S                  |                     |                     |                     | , J. | 3, 3, 5         |
|           | 7/19/2023   | <del>2.5'</del> | <0.050               | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <0.150                   | <0.300               | <del>&lt;10.0</del> | 2090                | 2090                | 497                 | 2587                                     | 240             |
| CS-1      | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | 34.5                | 34.5                | <10.0               | 34.5                                     | 160             |
|           | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <del>&lt;0.050</del> | <del>&lt;0.150</del>     | <del>&lt;0.300</del> | <10.0               | 926                 | 926                 | 170                 | 1096                                     | 400             |
| CS-2      | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 2000            |
|           | 7/19/2023   | 2.5'            | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.150</del>     | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 379                 | 379                 | 73                  | 4 <del>52</del>                          | 112             |
| CS-3      | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 16.0            |
|           | 7/19/2023   | 2.5'            | < <del>0.050</del>   | <del>&lt;0.050</del> | <0.050<br><0.050     | <del>&lt;0.150</del>     | <del>&lt;0.300</del> | <10.0               | 2140                | 2140                | 599                 | 2739                                     | 704             |
| CS-4      | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 32.0            |
|           | 7/19/2023   | 2.5'            | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.150</del>     | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 422                 | 422                 | 64                  | 486                                      | 144             |
| CS-5      | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 80.0            |
|           | 7/19/2023   | <del>2.5'</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> | 247                 | 247                 | 47.7                | 294.7                                    | 128             |
| CS-6      | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 48.0            |
|           | 7/19/2023   | <del>2.5'</del> | <del>&lt;0.050</del> | 0.170                | 0.146                | 0.989                    | 1.31                 | 33.2                | 1350                | 1383.2              | 252                 | 1635.2                                   | 48.0            |
| CS-7      | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 80.0            |
|           | 7/19/2023   | <del>2.5'</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> | 329                 | 329                 | 108                 | 4 <del>37</del>                          | 80.0            |
| CS-8      | 8/1/2023    | 4'              | < 0.050              | < 0.050              | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 112             |
|           | 7/19/2023   | <del>2.5'</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> | 290                 | 290                 | 59.2                | 349.2                                    | 48.0            |
| CS-9      | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 128             |
| CS-10     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 16.0            |
|           | 7/19/2023   | 2.5'            | <del>&lt;0.050</del> | 0.310                | 0.374                | 2.95                     | 3.64                 | 66.9                | 3580                | 790                 | 4370                | 5160                                     | 256             |
| CS-11     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 80.0            |
| CS-12     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | 13.3                | 13.3                | <10.0               | 13.3                                     | 128             |
| 00.40     | 7/19/2023   | <del>2.5'</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>166</del>      | <del>166</del>      | <del>39.6</del>     | <del>205.6</del>                         | <del>1020</del> |
| CS-13     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 192             |
| 00.11     | 7/19/2023   | <del>2.5'</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> | 915                 | 915                 | <del>183</del>      | 1098                                     | <del>864</del>  |
| CS-14     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 1600            |
| CC 45     | 7/19/2023   | <del>2.5'</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <0.150                   | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 473                 | 4 <del>73</del>     | 83.5                | <del>556.5</del>                         | 1880            |
| CS-15     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 368             |
| CS-16     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | 29.8                | 29.8                | <10.0               | 29.8                                     | 96.0            |
| CS-17     | 7/19/2023   | <del>2.5'</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> | 436                 | 436                 | 80.9                | <del>516.9</del>                         | 1420            |
| C3-1/     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 1140            |
| CS-18     | 7/19/2023   | <del>2.5'</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> | 1750                | 1750                | 401                 | 2151                                     | 1660            |
| C3-10     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 288             |
| CS-19     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 240             |
| CS-20     | 7/19/2023   | <del>2.5'</del> | < <del>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> | 19.0                | <del>19.0</del>     | <del>&lt;10.0</del> | <del>19.0</del>                          | <del>864</del>  |
| C3-20     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 272             |
| CS-21     | 7/19/2023   | <del>2.5'</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>129</del>      | <del>129</del>      | <del>18.5</del>     | <del>147.5</del>                         | <del>816</del>  |
| C3-21     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 48.0            |
| CS-22     | 7/19/2023   | <del>2.5'</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> | 638                 | <del>638</del>      | <del>163</del>      | <del>801</del>                           | <del>3040</del> |
| C3-22     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 480             |
| CS-23     | 7/19/2023   | <del>2.5'</del> | < <del>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> | 912                 | <del>912</del>      | <del>226</del>      | 1138                                     | <del>2720</del> |
| C3-23     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150                   | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0                                    | 1100            |
| CS-24     | 7/19/2023   | <del>2.5'</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>832</del>  |

|           |             |                 | D                    | Talmana              | Cab. dhanasa         | Vidence              | BTEX                 | 000 100             |                     | ТРН                 |                     |                     | Chloride        |
|-----------|-------------|-----------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------|
|           |             | Depth           | Benzene              | Toluene              | Ethylbenzene         | Xylenes              | BIEX                 | GRO (C6-            | DRO (C10-<br>C28)   | GRO + DRO           | MRO (C28-           | Total GRO/DRO/MRO   | Chioride        |
| Sample ID | Sample Date | (ft bgs)        | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)             | (mg/kg)             | (mg/kg)             | (mg/kg)             | (mg/kg)             | (mg/kg)         |
|           |             | (10 65)         | (8,8)                | (6,6)                | ,                    |                      |                      |                     |                     | ndwater 19.15.29    |                     | (6/6/               | (6161           |
|           |             |                 | 10 mg/kg             |                      |                      |                      | 50 mg/kg             |                     |                     | 1000 mg/kg          |                     | 2500 mg/kg          | 20000 mg/kg     |
| CS-24     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 3800            |
|           | 7/19/2023   | <del>2.5'</del> | <0.050<br><0.050     | <0.050<br><0.050     | <0.050<br><0.050     | <0.150<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | 2890                | 2890                | 768                 | 3658                | 960             |
| CS-25     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 1070            |
| CS-26     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 80.0            |
|           | 7/19/2023   | 2.5'            | <0.050<br><0.050     | <0.050<br><0.050     | <0.050<br><0.050     | <0.150<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | 628                 | 628                 | 142                 | 770                 | 64.0            |
| CS-27     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 528             |
| CS-28     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 44.9                | 44.9                | <10.0               | 44.9                | 224             |
|           | 7/19/2023   | 2.5'            | <0.050<br><0.050     | <0.050<br><0.050     | <0.050<br><0.050     | <0.150<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | 16.9                | 16.9                | <10.0<br><10.0      | 16.9                | 1800            |
| CS-29     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 672             |
|           | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <del>&lt;0.050</del> | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <10.0               | 12.4                | 12.4                | <del>&lt;10.0</del> | 12.4                | 5200            |
| CS-30     | 8/4/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 174             |
|           | 7/19/2023   | 2.5 <u>'</u>    | <0.050               | <0.050               | <del>&lt;0.050</del> | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 25.5                | 25.5                | <10.0               | 25.5                | 4240            |
| CS-31     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 128             |
|           | 7/19/2023   | 2.5'            | <0.050               | < <del>0.050</del>   | <del>&lt;0.050</del> | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 169                 | 169                 | 27.3                | 196.3               | 352             |
| CS-32     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 177                 | 177                 | 58.4                | 235.4               | 160             |
|           | 7/19/2023   | 2.5'            | <0.050               | < <del>0.050</del>   | <del>&lt;0.050</del> | <0.150<br><0.150     | <0.300               | <del>&lt;10.0</del> | <del>80.5</del>     | <del>80.5</del>     | 15.3                | 95.8                | 976             |
| CS-33     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 512             |
| CS-34     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 47.4                | 47.4                | <10.0               | 47.4                | 592             |
|           | 7/19/2023   | 2.5'            | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 583                 | <del>583</del>      | 239                 | 8 <u>22</u>         | 4 <del>32</del> |
| CS-35     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 336             |
| CS-36     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 44.3                | 44.3                | <10.0               | 44.3                | 496             |
|           | 7/19/2023   | 2.5'            | < <del>0.050</del>   | <0.050               | <del>&lt;0.050</del> | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 13.9                | 13.9                | <del>&lt;10.0</del> | 13.9                | 1300            |
| CS-37     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 1150            |
|           | 7/19/2023   | 2.5'            | < <del>0.050</del>   | <0.050               | <del>&lt;0.050</del> | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 1280                | 1280                | 381                 | <del>1661</del>     | 4800            |
| CS-38     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 384             |
|           | 7/19/2023   | <del>2.5'</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> | 12.7                | 12.7                | <del>&lt;10.0</del> | 12.7                | 864             |
| CS-39     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 288             |
|           | 7/19/2023   | <del>2.5'</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>57.8</del>     | <del>57.8</del>     | <del>&lt;10.0</del> | 57.8                | <del>1570</del> |
| CS-40     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 480             |
| CS-41     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 69                  | 69                  | <10.0               | 69                  | 448             |
| 00.40     | 7/19/2023   | <del>2.5'</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> | 11.6                | 11.6                | <del>&lt;10.0</del> | 11.6                | 832             |
| CS-42     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 256             |
| CS-43     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 33.5                | 33.5                | <10.0               | 33.5                | 400             |
| CS-44     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 52.9                | 52.9                | <10.0               | 52.9                | 320             |
| 66.45     | 7/19/2023   | <del>2.5'</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>10.0</del>   | <del>&lt;10.0</del> | <del>&lt;10.0</del> | <del>2760</del> |
| CS-45     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 688             |
| CC 4C     | 7/19/2023   | <del>2.5'</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <0.150               | <del>&lt;0.300</del> | <del>&lt;10.0</del> | <del>56.8</del>     | <del>56.8</del>     | <del>&lt;10.0</del> | <del>56.8</del>     | <del>1810</del> |
| CS-46     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 912             |
| CC 47     | 7/19/2023   | <del>2.5'</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <0.150               | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 77.9                | 77.9                | <del>15.6</del>     | 93.5                | <del>1070</del> |
| CS-47     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 336             |
| CS-48     | 7/19/2023   | 2.5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 432             |
| 65.40     | 7/19/2023   | <del>2.5'</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>10.0</del>   | <del>&lt;10.0</del> | <del>&lt;10.0</del> | 880             |
| CS-49     | 8/1/2023    | 4'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 224             |
| CS-50     | 7/19/2023   | <del>2.5'</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>2640</del> |

|                |                        |                  |                      |                      |                      |                      |                      |                     |                             | ТРН               |                  |                      |                       |
|----------------|------------------------|------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|-----------------------------|-------------------|------------------|----------------------|-----------------------|
|                |                        |                  | Benzene              | Toluene              | Ethvibenzene         | Xvlenes              | BTEX                 | GRO (C6-            | DRO (C10-                   |                   | MRO (C28         | Total                | Chloride              |
|                |                        | Depth            | Belizelle            | Toluelle             | Ethylbenzene         | Aylelles             | DIEX                 | C10)                | C28)                        | GRO + DRO         | C35)             | GRO/DRO/MRO          | Cilioride             |
| Sample ID      | Sample Date            | (ft bgs)         | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)             | (mg/kg)                     | (mg/kg)           | (mg/kg)          | (mg/kg)              | (mg/kg)               |
|                |                        | (11 063)         | (g/g/                | (6/6/                | ,                    |                      |                      |                     |                             | ndwater 19.15.29  |                  | (6/6/                | (6/8/                 |
|                |                        |                  | 10 mg/kg             |                      |                      |                      | 50 mg/kg             |                     |                             | 1000 mg/kg        |                  | 2500 mg/kg           | 20000 mg/kg           |
| CS-50          | 8/1/2023               | 4'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 576                   |
|                | 7/19/2023              | 2.5'             | <0.050<br><0.050     | <0.050<br><0.050     | <0.050<br><0.050     | <0.150<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | <10.0<br><10.0              | <10.0<br><10.0    | <10.0<br><10.0   | <10.0<br><10.0       | 3360                  |
| CS-51          | 8/1/2023               | 4'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 1340                  |
|                | 7/19/2023              | 2.5 <sup>1</sup> | <0.030<br><0.050     | <0.030<br><0.050     | <0.030<br><0.050     | <0.130<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | <10.0<br><10.0              | <10.0<br><10.0    | <10.0<br><10.0   | <10.0<br><10.0       | 992                   |
| CS-52          | 8/1/2023               | 4'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 6960                  |
|                | 7/19/2023              | 2.5'             | <0.050<br><0.050     | <0.030<br><0.050     | <0.050<br><0.050     | <0.150<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | 52.3                        | 52.3              | <10.0<br><10.0   | 52.3                 | 1760                  |
| CS-53          | 8/1/2023               | 4'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 4040                  |
| CS-54          | 7/19/2023              | 2.5'             | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 352                   |
| C3-34          | 7/19/2023              | 2.5'             | <0.030<br><0.050     | <0.030<br><0.050     | <0.050<br><0.050     | <0.130<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | 60.8                        | 60.8              | 10.5             | 71.3                 | 976                   |
| CS-55          | 8/1/2023               | 4'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | <del>976</del><br>896 |
| CS-56          | 7/19/2023              | 5'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 416                   |
| CS-56<br>CS-57 | 7/19/2023              | 5'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 14.9                        | 14.9              | <10.0            | 14.9                 | 864                   |
| CS-58          | 7/19/2023              | 5'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 607                         | 607               | 231              | 838                  | 3360                  |
| C3-36          | 7/19/2023              | 3 <u>1</u>       | <0.050<br><0.050     | <0.030<br><0.050     | <0.050<br><0.050     | <0.130<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | 23.8                        | 23.8              | ∠10.0            | 23.8                 | 1720                  |
| CS-59          | 8/1/2023               | 5'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 31.3                        | 31.3              | <10.0            | 31.3                 | 752                   |
|                | 7/19/2023              | 3 <u>3'</u>      | <0.050<br><0.050     | <0.050<br><0.050     | <0.050<br><0.050     | <0.150<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | 31.3<br><del>&lt;10.0</del> | <10.0             | <10.0<br><10.0   | 31.3<br><10.0        | 2640                  |
| CS-60          | 8/1/2023               | <del>5</del>     | <0.050               |                      |                      |                      | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                |                       |
| CC C1          |                        | 5'               |                      | <0.050               | <0.050               | <0.150               |                      | <10.0               | 11.3                        | <10.0<br>11.3     |                  | 11.3                 | 816<br>336            |
| CS-61<br>CS-62 | 7/19/2023<br>7/19/2023 | 5'               | <0.050<br><0.050     | <0.050<br><0.050     | <0.050<br><0.050     | <0.150<br><0.150     | <0.300<br><0.300     | <10.0               | <10.0                       | <10.0             | <10.0<br><10.0   | <10.0                | 1010                  |
| CS-62<br>CS-63 | 7/19/2023              | 5'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 336                   |
| C3-63          | 7/19/2023<br>7/19/2023 | 3 <u>1</u>       | <0.050<br><0.050     | <0.050<br><0.050     | <0.050<br><0.050     | <0.150<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | <10.0<br>22.9               | <10.0<br>22.9     | <10.0<br><10.0   | <10.0<br>22.9        | 1550                  |
| CS-64          | 8/1/2023               | <del>5</del> '   | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 720                   |
|                | 7/19/2023              |                  | <0.030<br><0.050     | <0.030<br><0.050     | <0.050<br><0.050     | <0.130<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | 173                         | 173               | 4 <del>7.9</del> | 220.9                | 336                   |
| CS-65          | 8/1/2023               | 2'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 234                         | 234               | 47.8             | 274.8                | 560                   |
|                | 7/19/2023              | <u> </u>         | <0.050<br><0.050     | <0.050<br><0.050     | <0.050<br><0.050     | <0.150<br><0.150     | <0.300<br><0.300     | <10.0<br><10.0      | 935                         | 935               | 221              | 274.8<br>1156        | 864                   |
| CS-66          | 8/1/2023               | <del>2</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>71.1</del>             | 71.1              | 28.4             | 99.5                 | 1920                  |
| C3-00          | 8/30/2023              | 4'               | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 218                         | 218               | 87.3             | 305.3                | 180                   |
| CS-67          | 8/3/2023               | 4'               | <0.0250              | <0.0250              | <0.0230              | <0.0230              | <0.0230              | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 1410                  |
| CS-68          | 8/3/2023               | 4'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 1020                  |
| CS-69          | 8/3/2023               | 4'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 2600                  |
| CS-70          | 8/3/2023               | 4'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 400                   |
| CS-70<br>CS-71 | 8/3/2023               | 4'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 1440                  |
| CS-71<br>CS-72 | 8/3/2023               | 2'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 80.0                  |
| CS-72<br>CS-73 | 8/3/2023               | 2'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 48.0                  |
| CS-74          | 8/4/2023               | 2'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 48.0                  |
| CS-75          | 8/4/2023               | 2'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 32.0                  |
| CS-76          | 8/4/2023               | 2'               | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 32.0                  |
| CS-76<br>CS-77 | 8/4/2023               | 0.5'             | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | 32.0                  |
| CS-78          | 8/4/2023               | 0.5'             | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 11.7                        | 11.7              | <10.0            | 11.7                 | 16.0                  |
| CS-78<br>CS-79 | 8/4/2023               | 0.5'             | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0                       | <10.0             | <10.0            | <10.0                | <16.0                 |
| CS-79<br>CS-80 | 8/4/2023               | 0.5'             | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 54.9                        | 55.9              | 17.6             | 72.5                 | 16.0                  |
| CS-80<br>CS-81 | 8/30/2023              | 2'               | <0.030               | <0.030               | <0.030               | <0.130               | <0.0250              | <20.0               | 26.3                        | 26.3              | <50.0            | 26.3                 | 174                   |
| CS-81<br>CS-82 | 8/30/2023              | 2'               | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 28.7                        | 28.7              | <50.0<br><50.0   | 28.7                 | 183                   |
| CS-82<br>CS-83 |                        | 2'               | <0.0250              |                      | <0.0250              | <0.0250              | <0.0250              | <20.0               | <b>28.7</b> <25.0           | <b>28.7</b> <25.0 | <50.0<br><50.0   | <b>28.7</b><br><50.0 | 183                   |
| C3-83          | 8/30/2023              | ۷                | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0                       | <25.0             | <50.0            | <50.0                | 142                   |

|                  |                      |                     |                      |                      |                      |                      |                      |                     |                     | TPH                 |                     |                     |                 |
|------------------|----------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------|
|                  |                      |                     | Benzene              | Toluene              | Ethylbenzene         | Xylenes              | BTEX                 | GRO (C6             | DRO (C10-           |                     | MRO (C28            | Total               | Chloride        |
|                  |                      | Depth               |                      |                      |                      |                      |                      | C10)                | C28)                | GRO + DRO           | C35)                | GRO/DRO/MRO         |                 |
| Sample ID        | Sample Date          | (ft bgs)            | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)             | (mg/kg)             | (mg/kg)             | (mg/kg)             | (mg/kg)             | (mg/kg)         |
|                  |                      |                     |                      |                      | T                    | able I Closur        | e Criteria for S     | oil >100 feet       | Depth to Grou       | ndwater 19.15.29    | 9 NMAC              |                     |                 |
|                  |                      |                     | 10 mg/kg             |                      |                      |                      | 50 mg/kg             |                     |                     | 1000 mg/kg          |                     | 2500 mg/kg          | 20000 mg/kg     |
| CS-84            | 8/30/2023            | 2'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 202             |
| CS-85            | 8/30/2023            | 2'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 179             |
| CS-86            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 202             |
| CS-87            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 25.4                | 25.4                | <50.0               | 25.4                | 208             |
| CS-88            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 169             |
| CS-89            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 26.5                | 26.5                | <50.0               | 26.5                | 201             |
| CS-90            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 27.6                | 27.6                | <50.0               | 27.6                | 194             |
| CS-91            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 27.7                | 27.7                | <50.0               | 27.7                | 192             |
| CS-92            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 26.4                | 26.4                | <50.0               | 26.4                | 192             |
| CS-93            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 30                  | 30                  | <50.0               | 30                  | 167             |
| CS-94            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 159             |
| CS-95            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 36.4                | 36.4                | <50.0               | 36.4                | 205             |
| CS-96            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 197             |
| CS-97            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | <20.0           |
| CS-98            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 137             |
| CS-99            | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 149             |
| CS-100           | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 425             |
| CS-101           | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 328             |
| CS-102           | 8/30/2023            | 4'                  | <0.0250              | < 0.0250             | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 470             |
| CS-103           | 8/30/2023            | 4'                  | <0.0250              | < 0.0250             | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 23.3            |
| CS-104           | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 105             |
| CS-105           | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 35.5                | 35.5                | <50.0               | 35.5                | 199             |
| CS-106           | 8/30/2023            | 4'                  | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 157             |
|                  |                      |                     |                      |                      |                      |                      | idewall Samp         |                     |                     |                     |                     |                     |                 |
| <del>SW-1</del>  | <del>7/19/2023</del> | <del>0 - 2.5'</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>4170</del>     | 4 <del>170</del>    | <del>1440</del>     | <del>5610</del>     | <del>1220</del> |
| <del>SW-1A</del> | <del>8/1/2023</del>  | <del>0-4'</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>1220</del> |
| SW-1B            | 8/30/2023            | 0-4'                | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 213             |
| <del>SW-2</del>  | <del>7/19/2023</del> | <del>0 - 2.5'</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>115</del>      | <del>115</del>      | <del>29.0</del>     | <del>144</del>      | <del>64.0</del> |
| SW-2A            | 8/1/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 14.3                | 14.3                | <10.0               | 14.3                | 128             |
| SW-3             | 7/19/2023            | 0 - 2.5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 16.0                | 16.0                | <10.0               | 16.0                | 144             |
| SW-4             | 7/19/2023            | 0 - 2.5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 20.8                | 20.8                | <10.0               | 20.8                | 240             |
| <del>SW 5</del>  | 7/19/2023            | 0 2.5'              | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | <del>235</del>      | <del>235</del>      | <del>36.2</del>     | <del>271.2</del>    | 48.0            |
| SW-5A            | 8/1/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 48.0            |
| <del>SW-6</del>  | 7/19/2023            | 0 - 2.5'            | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 288                 | 288                 | <del>108</del>      | <del>396</del>      | <del>240</del>  |
| SW-6A            | 8/1/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 32.0            |
| <del>SW-7</del>  | 7/19/2023            | 0 - 2.5'            | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 210                 | 210                 | 56.4                | 266.4               | 1120            |
| SW-7A            | 8/1/2023             | 0-4'                | <del>&lt;0.050</del> | <b>&lt;0.050</b>     | < <del>0.050</del>   | < <del>0.150</del>   | <del>&lt;0.300</del> | <del>&lt;10.0</del> | < <del>10.0</del>   | < <del>10.0</del>   | <del>&lt;10.0</del> | <10.0               | 1420            |
| SW-7B            | 8/30/2023            | 0-4'                | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 37.9                | 37.9                | <50.0               | 37.9                | 172             |
| SW-8             | 7/19/2023            | 0 - 2.5'            | <del>&lt;0.050</del> | < <del>0.050</del>   | < <del>0.050</del>   | < <del>0.150</del>   | <del>&lt;0.300</del> | < <del>10.0</del>   | 2460                | 2460                | <del>595</del>      | 3055                | 4320            |
| SW-8A            | 8/1/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 64              |
| SW-9             | 7/19/2023            | 0 - 2.5'            | <del>&lt;0.050</del> | <del>&lt;0.050</del> | < <del>0.050</del>   | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 799                 | 799                 | <del>271</del>      | 1070                | 2320            |
| SW-9A            | 8/1/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 64              |
| <del>SW 10</del> | <del>7/19/2023</del> | <del>0 2.5'</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>138</del>      | <del>138</del>      | <del>79.7</del>     | 217.7               | <del>1220</del> |
| SW-10A           | 8/1/2023             | 0-4'                | < 0.050              | < 0.050              | <0.050               | < 0.150              | < 0.300              | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 544             |

|                   |                      |                     | Danasas              | Talmana              | FAb. Ib a man a      | Vidence              | BTEX                 | 222 /25             |                     | TPH                 |                     |                     | Chloride        |
|-------------------|----------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|-----------------|
|                   |                      | Depth               | Benzene              | Toluene              | Ethylbenzene         | Xylenes              | BIEX                 | GRO (C6-            | DRO (C10-<br>C28)   | GRO + DRO           | MRO (C28-<br>C35)   | Total GRO/DRO/MRO   | Chioride        |
| Sample ID         | Sample Date          | (ft bgs)            | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)              | (mg/kg)             | (mg/kg)             | (mg/kg)             | (mg/kg)             | (mg/kg)             | (mg/kg)         |
|                   |                      | (It bgs)            | (8/8/                | (8/8/                |                      |                      |                      |                     |                     | ndwater 19.15.29    |                     | (8/8/               | (8181           |
|                   |                      |                     | 10 mg/kg             |                      |                      |                      | 50 mg/kg             |                     |                     | 1000 mg/kg          |                     | 2500 mg/kg          | 20000 mg/kg     |
| SW-11             | 7/19/2023            | 0 - 2.5'            | <0.050               | <del>&lt;0.050</del> | <0.050               | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 488                 | 488                 | 187                 | 675                 | 4720            |
| SW-11A            | 8/1/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 368             |
| SW-12             | 7/19/2023            | 0 - 2.5'            | <0.050<br><0.050     | <0.050<br><0.050     | <0.050<br><0.050     | <0.150<br><0.150     | <0.300               | ₹10.0<br>₹10.0      | 349                 | 349                 | 124                 | 473                 | 1490            |
| SW-12A            | 8/1/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 176             |
| SW-13             | 7/19/2023            | <del>0 - 2.5'</del> | <del>&lt;0.050</del> | < <del>0.050</del>   | <del>&lt;0.050</del> | <del>&lt;0.150</del> | <del>&lt;0.300</del> | 19.9                | 3790                | 3809.9              | 769                 | 4 <del>578.9</del>  | 7400            |
| SW-13A            | 8/1/2023             | 0-4'                | <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> | 912             |
| SW-13B            | 8/30/2023            | 0-4'                | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 186             |
| SW-14             | 7/19/2023            | 0 - 2.5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 42.5                | 42.5                | 16.1                | 58.6                | 192             |
| <del>SW-15</del>  | 7/19/2023            | 0 - 2.5'            | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <0.050               | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 212                 | 212                 | 52                  | 264                 | 3160            |
| SW-15A            | 8/1/2023             | <del>0-4'</del>     | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <0.050               | <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> | 4040            |
| SW-15B            | 8/30/2023            | 0-4'                | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 198             |
| <del>SW-16</del>  | 7/19/2023            | 0 - 2.5'            | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.150</del> | <del>&lt;0.300</del> | <del>&lt;10.0</del> | 104                 | 104                 | 4 <del>5.6</del>    | <del>149.6</del>    | 352             |
| SW-16A            | 8/1/2023             | <del>0-4'</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> | 656             |
| SW-16B            | 8/30/2023            | 0-4'                | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | <25.0               | <25.0               | <50.0               | <50.0               | 167             |
| <del>SW-17</del>  | 7/19/2023            | <del>0 - 2.5'</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>3610</del>     | <del>3610</del>     | 970                 | 4580                | 8800            |
| SW-17A            | 8/1/2023             | <del>0-4'</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>10.0</del>   | <del>&lt;10.0</del> | < <del>10.0</del>   | <del>1840</del> |
| SW-17B            | 8/30/2023            | 0-4'                | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 32.7                | 32.7                | <50.0               | 32.7                | 192             |
| <del>SW 18</del>  | 7/19/2023            | <del>0 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> | 71.5                | <del>71.5</del>     | <del>25.1</del>     | 96.6                | <del>1440</del> |
| <del>SW 18A</del> | <del>8/1/2023</del>  | <del>0 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>62</del> 4 |
| SW-18B            | 8/30/2023            | 0-5'                | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 29.1                | 29.1                | <50.0               | 29.1                | 199             |
| <del>SW-19</del>  | 7/19/2023            | <del>0 - 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> | 96                  | 96                  | 35.5                | 131.5               | 1070            |
| SW-19A            | 8/1/2023             | 0 - 5'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 384             |
| <del>SW-20</del>  | 7/19/2023            | <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> | 449                 | 44 <del>9</del>     | <del>195</del>      | 644                 | <del>752</del>  |
| SW-20A            | 8/1/2023             | <del>0-2'</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>12.8</del>     | 12.8                | <del>&lt;10.0</del> | <del>12.8</del>     | <del>1170</del> |
| SW-20B            | 8/30/2023            | 0-5'                | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <0.0250              | <20.0               | 27.7                | 27.7                | <50.0               | 27.7                | 192             |
| <del>SW-21</del>  | 7/19/2023            | <del>0 - 3'</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>2030</del>     | <del>2030</del>     | <del>670</del>      | <del>2700</del>     | <del>3360</del> |
| SW-21A            | 8/1/2023             | 0 - 5'              | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 37.3                | 37.3                | <10.0               | 37.3                | 576             |
| SW-22             | 7/19/2023            | 2.5 - 5'            | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 544             |
| <del>SW-23</del>  | 7/19/2023            | <del>3 - 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>20.2</del>     | <del>20.2</del>     | <del>&lt;10.0</del> | <del>20.2</del>     | <del>656</del>  |
| <del>SW-24</del>  | 7/19/2023            | <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> | 800                 | 800                 | <del>270</del>      | <del>1070</del>     | <del>1180</del> |
| <del>SW 24A</del> | <del>8/1/2023</del>  | <del>2 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>736</del>  |
| <del>SW 25</del>  | <del>7/19/2023</del> | <del>1 3'</del>     | <del>&lt;0.050</del> | <del>&lt;0.050</del> | <del>&lt;0.050</del> | < <del>0.150</del>   | <del>&lt;0.300</del> | <del>&lt;10.0</del> | <del>1150</del>     | <del>1150</del>     | 330                 | <del>1480</del>     | 480             |
| SW-26             | 8/3/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 1120            |
| SW-27             | 8/3/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 2760            |
| SW-28             | 8/3/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 16.6                | 16.6                | <10.0               | 16.6                | 3920            |
| SW-29             | 8/3/2023             | 0-4'                | <0.050               | 0.682                | 0.860                | 7.76                 | 9.31                 | 380                 | 5840                | 6220                | 1120                | 7340                | 496             |
| SW-30             | 8/3/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | 11.9                | 641                 | 652.9               | 175                 | 827.9               | 672             |
| SW-31             | 8/3/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 10.5                | 10.5                | <10.0               | 10.5                | 6000            |
| SW-32             | 8/3/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 587                 | 587                 | 174                 | 761                 | 2400            |
| SW-33             | 8/3/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 1710            |
| SW-34             | 8/3/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | 39.2                | 39.2                | <10.0               | 39.2                | 2000            |
| SW-35             | 8/3/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 4000            |
| SW-36             | 8/3/2023             | 0-4'                | <0.050               | <0.050               | <0.050               | <0.150               | <0.300               | <10.0               | <10.0               | <10.0               | <10.0               | <10.0               | 1550            |
| SW-37             | 8/3/2023             | 0-4'                | < 0.050              | < 0.050              | <0.050               | <0.150               | <0.300               | <10.0               | 163                 | 163                 | 36.1                | 199.1               | 784             |

|           |             |          |          |         |              |               |                  |                  |                   | TPH              |                   |                      |             |
|-----------|-------------|----------|----------|---------|--------------|---------------|------------------|------------------|-------------------|------------------|-------------------|----------------------|-------------|
| County ID |             | Depth    | Benzene  | Toluene | Ethylbenzene | Xylenes       | BTEX             | GRO (C6-<br>C10) | DRO (C10-<br>C28) | GRO + DRO        | MRO (C28-<br>C35) | Total<br>GRO/DRO/MRO | Chloride    |
| Sample ID | Sample Date | (ft bgs) | (mg/kg)  | (mg/kg) | (mg/kg)      | (mg/kg)       | (mg/kg)          | (mg/kg)          | (mg/kg)           | (mg/kg)          | (mg/kg)           | (mg/kg)              | (mg/kg)     |
|           |             |          |          |         | Ta           | able I Closur | e Criteria for S | oil >100 feet    | Depth to Grou     | ndwater 19.15.29 | NMAC              |                      |             |
|           |             |          | 10 mg/kg |         |              |               | 50 mg/kg         |                  |                   | 1000 mg/kg       |                   | 2500 mg/kg           | 20000 mg/kg |
| SW-38     | 8/3/2023    | 0-4'     | <0.050   | <0.050  | <0.050       | <0.150        | <0.300           | <10.0            | <10.0             | <10.0            | <10.0             | <10.0                | 2280        |
| SW-39     | 8/3/2023    | 0-4'     | <0.050   | <0.050  | <0.050       | <0.150        | <0.300           | <10.0            | <10.0             | <10.0            | <10.0             | <10.0                | 1760        |
| SW-40     | 8/3/2023    | 0-2'     | < 0.050  | < 0.050 | <0.050       | <0.150        | < 0.300          | <10.0            | <10.0             | <10.0            | <10.0             | <10.0                | <16.0       |
| SW-41     | 8/3/2023    | 0-2'     | < 0.050  | < 0.050 | <0.050       | <0.150        | < 0.300          | <10.0            | <10.0             | <10.0            | <10.0             | <10.0                | 32.0        |
| SW-42     | 8/30/2023   | 0-2'     | <0.0250  | <0.0250 | <0.0250      | <0.0250       | <0.0250          | <20.0            | <25.0             | <25.0            | <50.0             | <50.0                | 190         |
| SW-43     | 8/4/2023    | 0.5-2'   | <0.050   | <0.050  | <0.050       | <0.150        | < 0.300          | <10.0            | <10.0             | <10.0            | <10.0             | <10.0                | <16.0       |
| SW-44     | 8/4/2023    | 0-0.5'   | <0.050   | <0.050  | <0.050       | <0.150        | <0.300           | <10.0            | <10.0             | <10.0            | <10.0             | <10.0                | <16.0       |
| SW-45     | 8/4/2023    | 0-0.5'   | <0.050   | <0.050  | <0.050       | <0.150        | < 0.300          | <10.0            | <10.0             | <10.0            | <10.0             | <10.0                | <16.0       |
| SW-46     | 8/4/2023    | 0-0.5'   | <0.050   | <0.050  | <0.050       | <0.150        | <0.300           | <10.0            | <10.0             | <10.0            | <10.0             | <10.0                | <16.0       |
| SW-47     | 8/30/2023   | 0-5'     | <0.0250  | <0.0250 | <0.0250      | <0.0250       | <0.0250          | <20.0            | <25.0             | <25.0            | <50.0             | <50.0                | 30.7        |
| SW-48     | 8/30/2023   | 0-5'     | <0.0250  | <0.0250 | <0.0250      | <0.0250       | <0.0250          | <20.0            | <25.0             | <25.0            | <50.0             | <50.0                | 39.5        |
|           |             |          |          |         |              |               |                  |                  |                   |                  |                   |                      |             |

#### Notes:

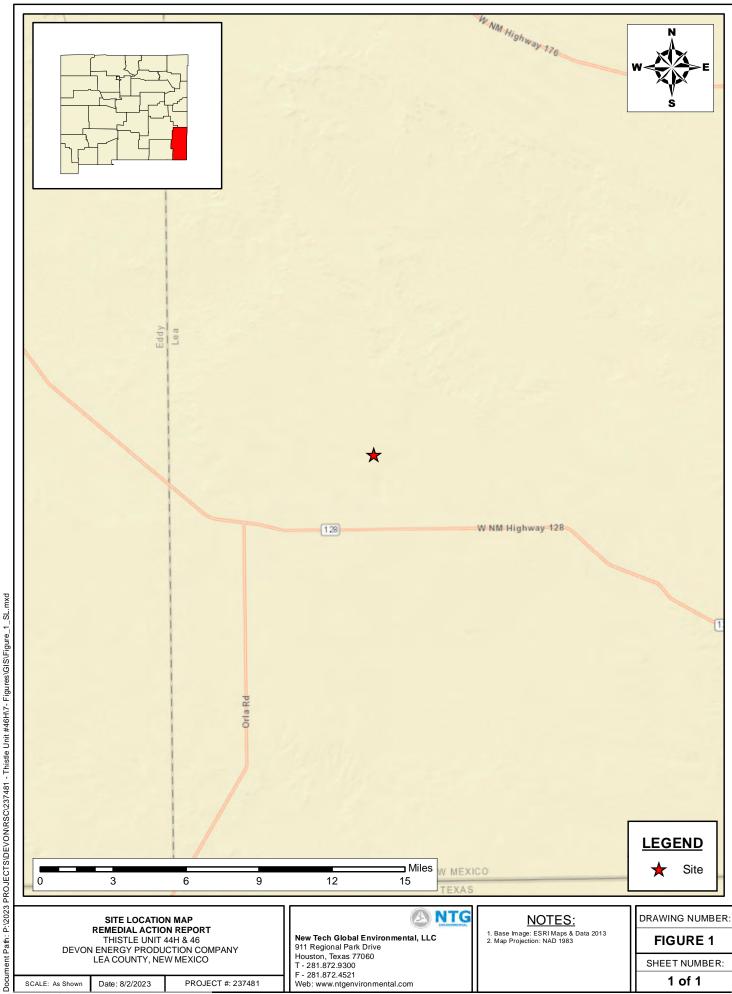
- 1. Values reported in mg/kg
- 2.< = Value Less Than Reporting Limit (RL)
- 3. Bold indicates Analyte Detected
- 4. BTEX analyses by EPA Method SW 8021B

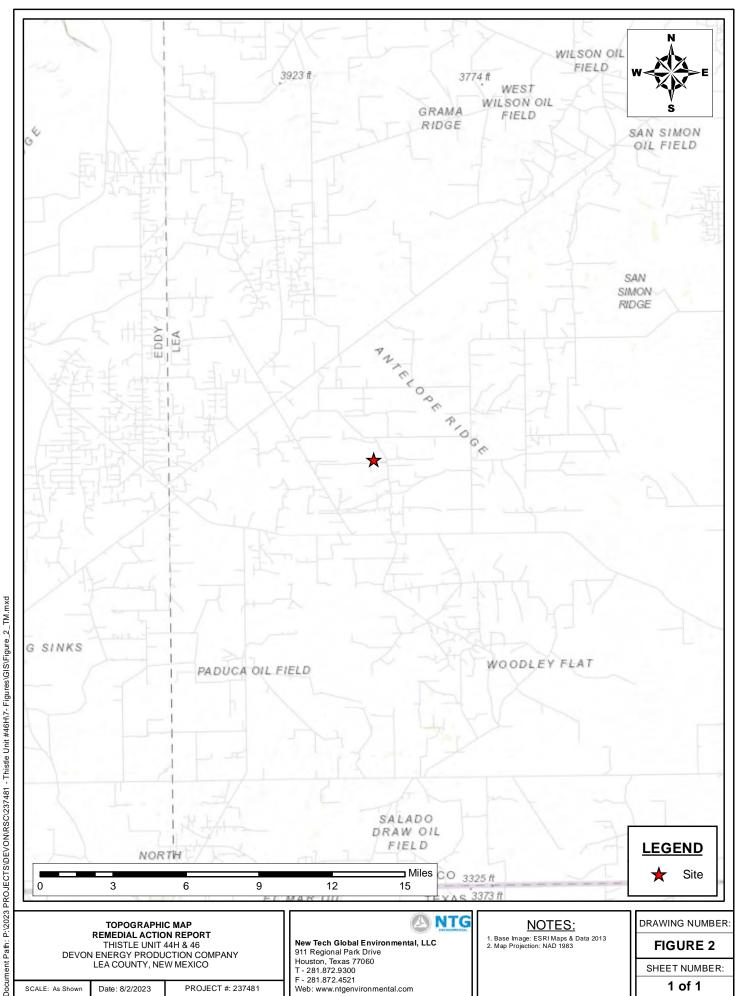
Sample Point Excavated

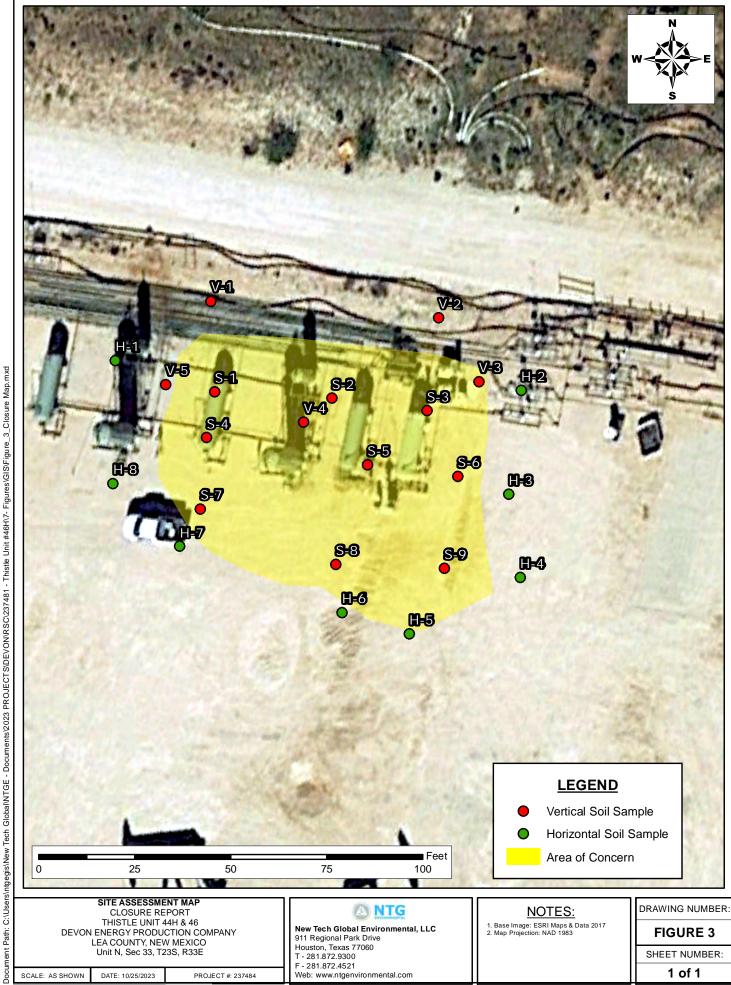
- 5. TPH analyses by EPA Method SW 8015 Mod.
- 6. GRO/DRO/MRO Gasoline/Diesel/Motor Oil
- 7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table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

NTGE Project Number: 237481 Page 6 of 6

## **FIGURES**







T - 281.872.9300

PROJECT #: 237484

F - 281.872.4521 Web: www.ntgenvironmental.com

SCALE: AS SHOWN DATE: 10/25/2023

Released to Imaging: 2/19/2024 3:37:05 PM

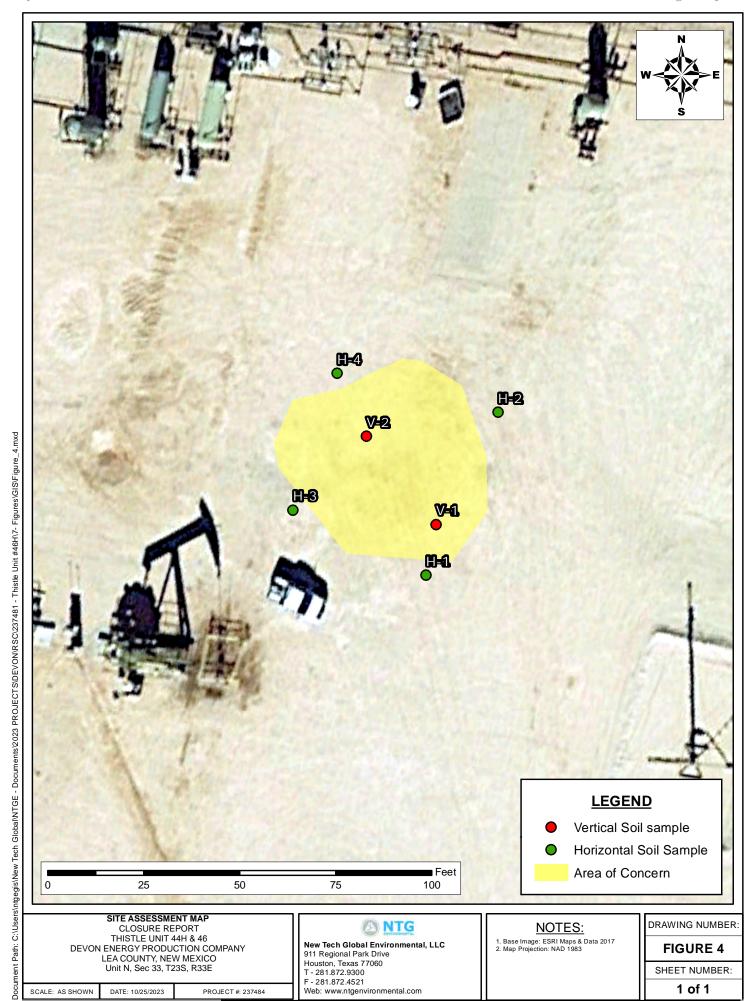
Base Image: ESRI Maps & Data 2017
 Map Projection: NAD 1983

FIGURE 3

SHEET NUMBER:

1 of 1

1 of 1



F - 281.872.4521 Web: www.ntgenvironmental.com

Released to Imaging: 2/19/2024 3:37:05 PM

DATE: 10/25/2023

PROJECT #: 237484

SCALE: AS SHOWN

EXCAVATION OVERVIEW

CLOSURE REPORT

THISTLE UNIT 44H & 46

DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO
Unit N, Sec 33, T23S, R33E

SCALE: AS SHOWN

DATE: 10/25/2023

PROJECT #: 237484

#### NTG

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

#### NOTES:

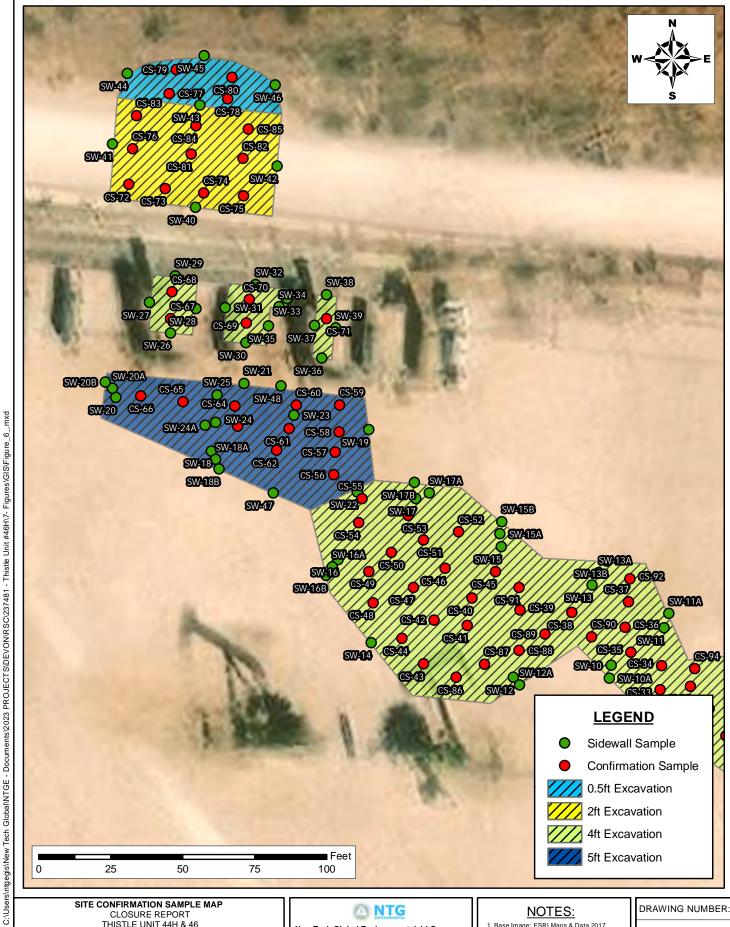
Base Image: ESRI Maps & Data 2017
 Map Projection: NAD 1983

DRAWING NUMBER:

FIGURE 5

SHEET NUMBER:

1 of 1



CLOSURE REPORT THISTLE UNIT 44H & 46
DEVON ENERGY PRODUCTION COMPANY
LEA COUNTY, NEW MEXICO

Unit N, Sec 33, T23S, R33E

PROJECT #: 237484

DATE: 10/25/2023

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

Base Image: ESRI Maps & Data 2017
 Map Projection: NAD 1983

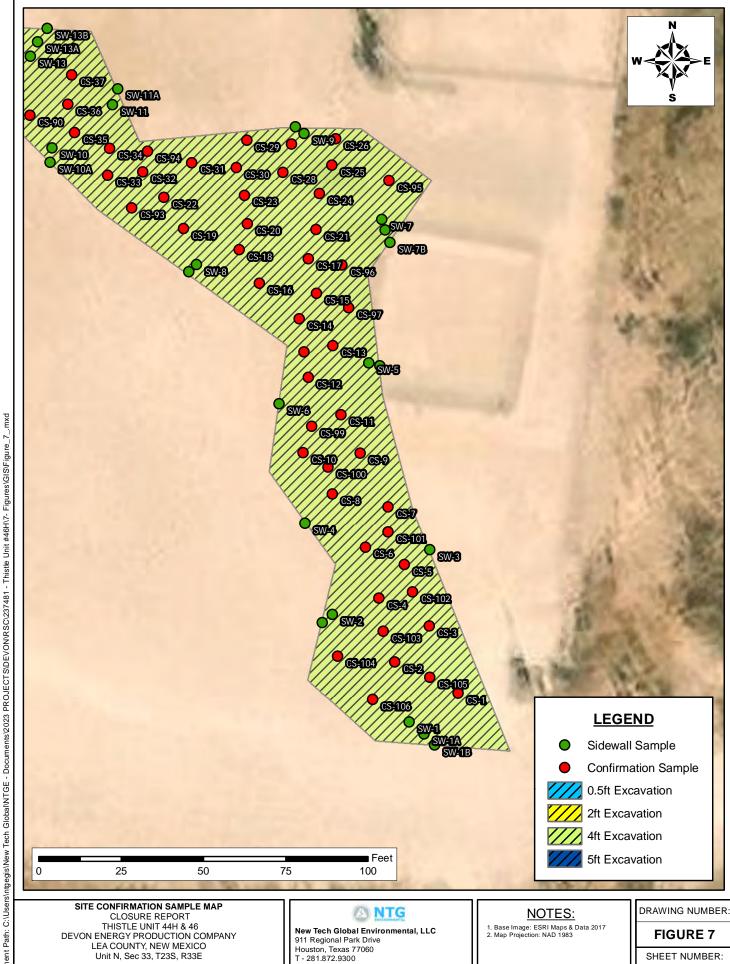
FIGURE 6

SHEET NUMBER:

1 of 1

SCALE: AS SHOWN

ent Path:



911 Regional Park Drive Houston, Texas 77060

F - 281.872.4521 Web: www.ntgenvironmental.com

- 281.872.9300

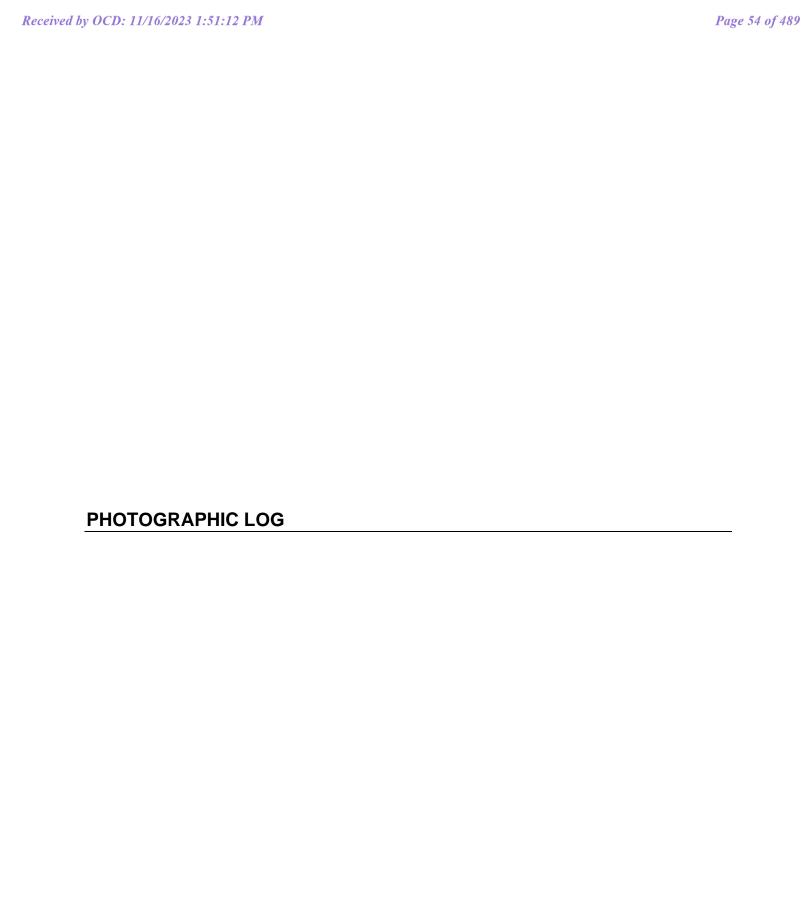
SCALE: AS SHOWN DATE: 10/25/2023 PROJECT #: 237484 Released to Imaging: 2/19/2024 3:37:05 PM

FIGURE 7

SHEET NUMBER:

1 of 1

Unit N, Sec 33, T23S, R33E



### **Devon Energy Production Company**

### Photograph No. 1

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

Area of impact.



#### Photograph No. 2

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

Area of impact.



#### Photograph No. 3

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

Area of impact.



#### **Devon Energy Production Company**

### Photograph No. 4

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

**Description:** 

View of the excavation



#### Photograph No. 5

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

#### **Description:**

View of the excavation



#### Photograph No. 6

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:



#### **Devon Energy Production Company**

#### Photograph No. 7

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



#### Photograph No. 8

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

#### **Description:**

View of the excavation



#### Photograph No. 9

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:



#### **Devon Energy Production Company**

#### Photograph No. 10

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



#### Photograph No. 11

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

#### **Description:**

View of the excavation



#### Photograph No. 12

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:



#### **Devon Energy Production Company**

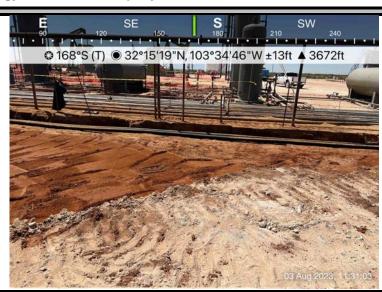
Photograph No. 13

Facility: Thistle Unit 44H CTB

County: Lea County, New Mexico

**Description:** 

View of the excavation



Photograph No. 14

Facility: Thistle Unit 44H CTB

County: Lea County, New Mexico

**Description:** 

View of the excavation



Photograph No. 15

Facility: Thistle Unit 44H CTB

County: Lea County, New Mexico

Description:



#### **Devon Energy Production Company**

#### Photograph No. 16

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

Description:

View of the excavation



#### Photograph No. 17

Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

**Description:** 

View of the excavation



Facility:

Thistle Unit 44H CTB

County:

Lea County, New Mexico

**Description:** 



| Received by OCD: 11/16/2023 1:51:12 PM            | Page 61 of 489 |
|---|----------------|
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
| LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS |                |
|   | ,              |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |
|   |                |

#### **Kellan Smith**

From: Ethan Sessums

Sent: Wednesday, November 15, 2023 3:29 PM

To: Kellan Smith

**Subject:** FW: Sampling Notification

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> http://www.ntgenvironmental.com/



STATEMENT OF CONFIDENTIALITY: The contents of this e-mail and its attachments are intended solely for the addressee(s) hereof. In addition, this e-mail transmission may be confidential. If you are not the named addressee, or if this message has been addressed to you in error, you are directed not to read, disclose, reproduce, distribute, disseminate or otherwise use this transmission. Delivery of this message to any person other than the intended recipients(s) is not intended in any way to waive confidentiality. If you have received this transmission in error, please alert the sender by reply e-mail; we also request that you immediately delete this message and its attachments, if any.

From: Ethan Sessums

Sent: Monday, July 17, 2023 9:05 AM

**To:** Enviro, OCD, EMNRD < OCD.Enviro@emnrd.nm.gov> **Cc:** NTG Env Carlsbad < ntg\_env\_carlsbad@ntglobal.com>

**Subject:** Sampling Notification

NTGE on behalf of DEVON will be conducting a confirmation sampling event starting Wednesday the 19<sup>th</sup> at 12p.m. MDT persisting through the week until Friday the 21<sup>st</sup> end of business.

#### Associated Incidents:

| NAPP2201362323 | Thistle Unit 44H CTB  |
|----------------|-----------------------|
| nAPP2314547818 | Thistle Unit 46       |
| nAPP2301125598 | Mesquite Booster Line |

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

Email: esessums@ntglobal.com http://www.ntgenvironmental.com/



#### **Kellan Smith**

From: Ethan Sessums

Sent: Wednesday, November 15, 2023 3:29 PM

To: Kellan Smith

**Subject:** FW: [EXTERNAL] Sampling Notification

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> http://www.ntgenvironmental.com/



STATEMENT OF CONFIDENTIALITY: The contents of this e-mail and its attachments are intended solely for the addressee(s) hereof. In addition, this e-mail transmission may be confidential. If you are not the named addressee, or if this message has been addressed to you in error, you are directed not to read, disclose, reproduce, distribute, disseminate or otherwise use this transmission. Delivery of this message to any person other than the intended recipients(s) is not intended in any way to waive confidentiality. If you have received this transmission in error, please alert the sender by reply e-mail; we also request that you immediately delete this message and its attachments, if any.

From: Ethan Sessums

Sent: Friday, July 28, 2023 1:33 PM

To: Wells, Shelly, EMNRD <Shelly.Wells@emnrd.nm.gov>

Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>

**Subject:** RE: [EXTERNAL] Sampling Notification

Thank you!

Ethan Sessums
Project Manager
NTG Environmental New Mexico
209 W McKay St, Carlsbad, NM 88220
M: 254-266-5456 W: 432-701-2159
Email: esessums@ntglobal.com
http://www.ntgenvironmental.com/



From: Wells, Shelly, EMNRD < <a href="mailto:Shelly.Wells@emnrd.nm.gov">Shelly.Wells@emnrd.nm.gov</a>>

**Sent:** Friday, July 28, 2023 1:32 PM

To: Ethan Sessums < <a href="mailto:ESessums@ntglobal.com">ESessums@ntglobal.com</a>>

Cc: Bratcher, Michael, EMNRD < mike.bratcher@emnrd.nm.gov >; Velez, Nelson, EMNRD < Nelson.Velez@emnrd.nm.gov >

Subject: RE: [EXTERNAL] Sampling Notification

CAUTION: This email originated from outside your organization. Exercise caution when opening attachments or clicking links, especially from unknown senders.

Hi Ethan,

Notification requirements are **two business days**, per rule. You may proceed on your schedule. This, and all correspondence, should be included in the closure report to ensure inclusion in the project file.

Thank you,

Shelly

Shelly Wells \* Environmental Specialist-Advanced Administrative Permitting Program EMNRD-Oil Conservation Division 1220 S. St. Francis Drive|Santa Fe, NM 87505 (505)469-7520|Shelly.Wells@emnrd.nm.govhttp://www.emnrd.state.nm.us/OCD/

From: Ethan Sessums < <a href="mailto:ESessums@ntglobal.com">ESessums@ntglobal.com</a>>

Sent: Friday, July 28, 2023 12:59 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

Subject: [EXTERNAL] Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

NTGE on behalf of DEVON will be conducting a confirmation sampling event starting Tuesday the 1st at 12p.m. MDT persisting through the week until Friday the 4th end of business.

#### **Associated Incidents:**

| NAPP2201362323 | Thistle Unit 44H CTB  |
|----------------|-----------------------|
| nAPP2314547818 | Thistle Unit 46       |
| nAPP2301125598 | Mesquite Booster Line |

Ethan Sessums
Project Manager
NTGE New Mexico
209 W McKay St. Carlsbad, NM 88220
M: (254)-266-5456 W: (432)-701-2159

Email: esessums@ntglobal.com

Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory Compliance & Permitting | <u>Site Assessment</u>, <u>Remediation & Site Closure</u> | Water Quality & Natural Resources

STATEMENT OF CONFIDENTIALITY: The contents of this e-mail and its attachments are intended solely for the addressee(s) hereof. In addition, this e-mail transmission may be confidential. If you are not the named addressee, or if this message has been addressed to you in error, you are directed not to read, disclose, reproduce, distribute, disseminate or otherwise use this transmission. Delivery of this message to any person other than the intended recipients(s) is not intended in any way to waive confidentiality. If you have received this transmission in error, please alert the sender by reply e-mail; we also request that you immediately delete this message and its attachments, if any.

#### **Kellan Smith**

From: Ethan Sessums

Sent: Wednesday, November 15, 2023 3:28 PM

To: Kellan Smith

**Subject:** FW: Sampling Notification

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> http://www.ntgenvironmental.com/



STATEMENT OF CONFIDENTIALITY: The contents of this e-mail and its attachments are intended solely for the addressee(s) hereof. In addition, this e-mail transmission may be confidential. If you are not the named addressee, or if this message has been addressed to you in error, you are directed not to read, disclose, reproduce, distribute, disseminate or otherwise use this transmission. Delivery of this message to any person other than the intended recipients(s) is not intended in any way to waive confidentiality. If you have received this transmission in error, please alert the sender by reply e-mail; we also request that you immediately delete this message and its attachments, if any.

From: Ethan Sessums < ESessums@ntglobal.com>

Sent: Sunday, August 27, 2023 2:01 PM

To: NTG Env Carlsbad < ntg env carlsbad@ntglobal.com >

Subject: Fwd: Sampling Notification

Ethan Sessums
Project Manager
NTGE New Mexico
209 W McKay St. Carlsbad, NM 88220
M: (254)-266-5456 W: (432)-701-2159

Email: <a href="mailto:esessums@ntglobal.com">esessums@ntglobal.com</a>

Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory Compliance & Permitting | <u>Site Assessment</u>, <u>Remediation & Site Closure</u> | Water Quality & Natural Resources

From: Ethan Sessums

Sent: Sunday, August 27, 2023 2:01:12 PM

To: Enviro, OCD, EMNRD < OCD. Enviro@emnrd.nm.gov>

**Subject:** Sampling Notification

NTGE on behalf of DEVON will be conducting a confirmation sampling event starting Wednesday the 30th at or around 10 a.m. MDT persisting throughout the week until Friday the 1st end of business.

#### Associated Incidents:

| NAPP2201362323 | Thistle Unit 44H CTB  |
|----------------|-----------------------|
| nAPP2314547818 | Thistle Unit 46       |
| nAPP2301125598 | Mesquite Booster Line |

Ethan Sessums Project Manager NTGE New Mexico 209 W McKay St. Carlsbad, NM 88220

M: (254)-266-5456 W: (432)-701-2159

Email: <a href="mailto:esessums@ntglobal.com">esessums@ntglobal.com</a>

Air Quality Compliance | EHS Management | Environmental Due Diligence & Audits | Midstream Compliance | Regulatory Compliance & Permitting | <u>Site Assessment</u>, <u>Remediation & Site Closure</u> | Water Quality & Natural Resources



November 11, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT 44H CTB

Enclosed are the results of analyses for samples received by the laboratory on 11/04/22 10:48.

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. Keene

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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 1 (0-1') (H225225-01)

| BTEX 8021B                           | mg/kg  |                 | Analyzed By: JH |              |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35  |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51  |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100    | % 69.9-14       | 0               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 4720   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 0.823 |           |
| DRO >C10-C28*                        | 2240   | 10.0            | 11/08/2022      | ND           | 205  | 103        | 200           | 3.22  | QM-07     |
| EXT DRO >C28-C36                     | 858    | 10.0            | 11/08/2022      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 91.0   | % 45.3-16       | 1               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 155    | % 46.3-17       | 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

Celey D. Keene, Lab Director/Quality Manager



Tamara Oldaker

#### Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

11/04/2022Sampling Date:11/04/202211/11/2022Sampling Type:SoilTHISTLE UNIT 44H CTBSampling Condition:Cool & Intact

Sample Received By:

Project Name: THISTLE UNIT 44H CTB
Project Number: 226502

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 1 (1-1.5') (H225225-02)

| BTEX 8021B                           | mg/kg  |                 | Analyzed By: JH |              |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35  |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51  |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 69.9-14       | 0               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 1280   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 0.823 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 205  | 103        | 200           | 3.22  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 89.3   | % 45.3-16       | 1               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 95.3   | % 46.3-17       | 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.

Celeg & Freene

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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 1 (2-2.5') (H225225-03)

| BTEX 8021B                           | mg/kg  |                 | Analyzed By: JH |              |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35  |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51  |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 69.9-14       | 0               |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 1200   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 0.823 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 205  | 103        | 200           | 3.22  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.5   | % 45.3-16       | 1               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 46.3-17       | 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

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: 11/04/2022 Reported: 11/11/2022

THISTLE UNIT 44H CTB

Project Name: THISTLI Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/04/2022

Sampling Type: Soil

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

### Sample ID: S - 1 (3-3.5') (H225225-04)

| 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           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35  |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51  |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 69.9-14       | 0               |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 2160   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 0.823 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 205  | 103        | 200           | 3.22  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 95.7   | % 45.3-16       | 1               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 46.3-17       | 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. Kreine



#### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 1 (4-4.5') (H225225-05)

BTEX 8021B

|                                      | 9/     | 9               | 7111411720 | ,            |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.83 | 91.7       | 2.00          | 1.35  |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.03 | 101        | 2.00          | 3.08  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 1.92 | 96.1       | 2.00          | 2.97  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 5.75 | 95.9       | 6.00          | 3.51  |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 69.9-14       | 0          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 2400   | 16.0            | 11/07/2022 | 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            | 11/08/2022 | ND           | 203  | 102        | 200           | 0.823 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 205  | 103        | 200           | 3.22  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 95.5   | % 45.3-16       | 1          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 46.3-17       | 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.

Celeg D. Keene



#### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 1 (5-5.5') (H225225-06)

| 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           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35  |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51  |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.6   | % 69.9-14       | 0               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 1600   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 0.823 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 205  | 103        | 200           | 3.22  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 96.5   | % 45.3-16       | 1               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 103 9  | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 2 (0-1') (H225225-07)

| 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           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35  |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51  |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.4   | % 69.9-14       | 0               |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyzed By: GM |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 3520   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 0.823 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 205  | 103        | 200           | 3.22  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 79.1   | % 45.3-16       | 1               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 88.9   | % 46.3-17       | 78              |              |      |            |               |       |           |
|                                      |        |                 |                 |              |      |            |               |       |           |

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



11/04/2022

Soil

#### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: Reported: 11/11/2022 Sampling Type:

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226502

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 2 (1-1.5') (H225225-08)

| BTEX 8021B                           | mg/    | kg              | Analyze         | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 9  | 69.9-14         | 0               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 2000   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.9   | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 109 9  | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 2 (2-2.5') (H225225-09)

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           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.9   | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1200   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 106    | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 114    | % 46.3-17       | 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.

Celeg & Freene



#### Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

11/11/2022 Sampling Type: THISTLE UNIT 44H CTB Sampling Condition:

Applyzod By: 14

Project Name: THISTLE Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sampling Date:

Sample Received By:

Tamara Oldaker

11/04/2022

#### Sample ID: S - 2 (3-3.5') (H225225-10)

RTFY 8021R

| B1EX 8021B                           | mg/    | кд                                  | Allalyze        | a By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-------------------------------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit                     | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050                               | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35 |           |
| Toluene*                             | <0.050 | 0.050                               | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050                               | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97 |           |
| Total Xylenes*                       | <0.150 | 0.150                               | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51 |           |
| Total BTEX                           | <0.300 | 0.300                               | 11/10/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.5   | % 69.9-14                           | 0               |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | 'kg                                 | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit                     | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1040   | 16.0                                | 11/07/2022      | 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                                | 11/08/2022      | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0                                | 11/08/2022      | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0                                | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105 9  | % 45.3-16                           | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | <sup>2</sup> / <sub>6</sub> 46.3-17 | 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. Keine



#### Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226502

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 2 (4-4.5') (H225225-11)

| BTEX 8021B                           | mg/    | 'kg             | Analyze         | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 9  | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | /kg             | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 3040   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 98.3   | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 106    | 2% 46.3-17      | 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. Keine



#### Analytical Results For:

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

Fax To:

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 2 (5-5.5') (H225225-12)

| BTEX 8021B                           | mg/    | kg              | Analyze         | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.3   | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 3280   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 96.1   | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 102 9  | % 46.3-17       | 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:

Applyzod By: 14

Received: 11/04/2022 Reported: 11/11/2022

11/11/2022 THISTLE UNIT 44H CTB

Project Name: THISTLI Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 3 (0-1') (H225225-13)

RTFY 8021R

| BIEX 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           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1280   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 91.7   | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 98.4   | % 46.3-17       | 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.

Celeg & Freene



#### Analytical Results For:

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

Fax

mg/kg

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 3 (1-1.5') (H225225-14)

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           | 11/10/2022 | ND           | 1.83 | 91.7       | 2.00          | 1.35 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.03 | 101        | 2.00          | 3.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 1.92 | 96.1       | 2.00          | 2.97 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 5.75 | 95.9       | 6.00          | 3.51 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 3120   | 16.0            | 11/07/2022 | 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            | 11/08/2022 | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102    | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 107    | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

11/04/2022 11/11/2022

Reported: Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

### Sample ID: S - 3 (2-2.5') (H225225-15)

Received:

| 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           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 5  | 69.9-14         | 0               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 4320   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 95.8   | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 99.8   | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

### Sample ID: S - 3 (3-3.5') (H225225-16)

| BTEX 8021B                           | mg/kg  |                 | Analyzed By: JH |              |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 1.83 | 91.7       | 2.00          | 1.35 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.03 | 101        | 2.00          | 3.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 1.92 | 96.1       | 2.00          | 2.97 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 5.75 | 95.9       | 6.00          | 3.51 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.0   | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | /kg             | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 4560   | 16.0            | 11/07/2022      | 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            | 11/08/2022      | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 90.8   | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 98.9   | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 3 (4-4.5') (H225225-17)

BTEX 8021B

|                                      | <u> </u> |                 |            |              |      |            |               |      |           |
|--------------------------------------|----------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result   | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050   | 0.050           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050   | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050   | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150   | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300   | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 90.5     | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,      | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result   | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 6560     | 16.0            | 11/07/2022 | 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            | 11/08/2022 | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0    | 10.0            | 11/08/2022 | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0    | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.9     | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 98.5     | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

#### Sample ID: S - 3 (5-5.5') (H225225-18)

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           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 89.5   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 5760   | 16.0            | 11/07/2022 | 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            | 11/08/2022 | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 95.8   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 104    | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 4 (0-1') (H225225-19)

| BTEX 8021B                           | mg     | /kg             | Analyze         | d By: JH     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022      | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022      | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022      | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022      | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 143    | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 512    | 16.0            | 11/07/2022      | 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*                          | 83.1   | 10.0            | 11/08/2022      | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | 5980   | 10.0            | 11/08/2022      | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | 1030   | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 142    | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 111 9  | % 46.3-17       | 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.

Celeg D. Keene



#### Analytical Results For:

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

Received: 11/04/2022 Reported:

11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

#### Sample ID: S - 4 (1-1.5') (H225225-20)

| BTEX 8021B                           | mg/    | kg              | Analyzed By: JH |              |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 88.9   | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze         | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 192    | 16.0            | 11/08/2022      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg/    | kg              | Analyze         | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/09/2022      | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | 21.3   | 10.0            | 11/09/2022      | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/09/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.1   | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 108 9  | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

Analyzed By: JH

Received: 11/04/2022

Sampling Date:
Sampling Type:

: Soil

Reported: Project Name:

BTEX 8021B

11/11/2022 THISTLE UNIT 44H CTB

mg/kg

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

11/04/2022

Project Number:

226502

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 4 (2-2.5') (H225225-21)

|                                      | 9,     | 9               | 7          | 7: 5::       |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 88.7   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 144    | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| 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            | 11/08/2022 | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 97.3   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 105    | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

#### Sample ID: S - 4 (3-3.5') (H225225-22)

BTEX 8021B

| DILX GOZID                           | ıııg,  | , kg            | Andryzo    | u by. 511    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 89.9   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 112    | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/08/2022 | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.2   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 95.6   | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

#### Sample ID: S - 4 (4-4.5') (H225225-23)

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           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 89.5   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 80.0   | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| 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            | 11/08/2022 | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 95.4   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226502

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 4 (5-5.5') (H225225-24)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 92.1   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | kg              | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 128    | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/08/2022 | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | 13.9   | 10.0            | 11/08/2022 | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 97.8   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 103 9  | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022

THISTLE UNIT 44H CTB

Project Name: Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

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

### Sample ID: S - 5 (0-1') (H225225-25)

| BTEX 8021B                           | mg/    | /kg             | Analyzed By: JH |              |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 88.1   | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | /kg             | Analyze         | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 768    | 16.0            | 11/08/2022      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg/    | /kg             | Analyze         | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/08/2022      | ND           | 203  | 102        | 200           | 11.5 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 203  | 101        | 200           | 5.26 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 90.5   | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 97.4   | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022 Sampling Date: 11/04/2022 Sampling Type: Soil

Project Name:

THISTLE UNIT 44H CTB

Sampling Type: Soil
Sampling Condition: Cool 8

Project Number:

226502

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

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 5 (1-1.5') (H225225-26)

| 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           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59  |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34  |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 90.8   | % 69.9-14       | 0          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 5120   | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/08/2022 | ND           | 203  | 101        | 200           | 0.918 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 214  | 107        | 200           | 1.45  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 77.7   | % 45.3-16       | 1          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 73.4   | % 46.3-17       | 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, is 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.

Celeg & Freene



#### Analytical Results For:

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

Applyzod By: 14

Received: 11/04/2022 Reported: 11/11/2022

THISTLE UNIT 44H CTB

Project Name: THISTLI Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/04/2022

Sampling Type: Soil

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

#### Sample ID: S - 5 (2-2.5') (H225225-27)

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           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59  |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34  |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 87.9   | % 69.9-14       | 0          |              |      |            |               |       |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 2480   | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64  |           |
| 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            | 11/08/2022 | ND           | 203  | 101        | 200           | 0.918 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 214  | 107        | 200           | 1.45  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 83.2   | % 45.3-16       | 1          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 78.7   | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226502

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 5 (3-3.5') (H225225-28)

| BTEX 8021B                           | mg/    | kg              | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 88.2   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | kg              | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 352    | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 97.8   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 101 9  | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

Fax

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 5 (4-4.5') (H225225-29)

BTEX 8021B

| DILX GOZID                           | iiig/  | , kg            | Alldiyzo   | .u Dy. 311   |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 89.6   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg     | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 400    | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| 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            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105    | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 111 9  | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 5 (5-5.5') (H225225-30)

BTEX 8021B

| DILX GOZID                           | ıııg,  | , kg            | Andryzo    | u by. 511    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 88.5   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 64.0   | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 97.1   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 6 (0-1') (H225225-31)

| BTEX 8021B                           | mg,    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 88.0   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1460   | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 94.4   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 98.1   | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

#### Sample ID: S - 6 (1-1.5') (H225225-32)

BTEX 8021B

| DILX GOZID                           | ıııg,  | , kg            | Andryzo    | u by. 511    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 88.5   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 720    | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.2   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 105    | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

#### Sample ID: S - 6 (2-2.5') (H225225-33)

BTEX 8021B

| DILX GOZID                           | ıııg,  | , kg            | Andryzo    | .u Dy. 311   |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 90.3   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 128    | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| 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            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 97.1   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

#### Sample ID: S - 6 (3-3.5') (H225225-34)

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           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 90.1   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 48.0   | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| 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            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102    | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 106    | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 6 (4-4.5') (H225225-35)

| 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           | 11/10/2022      | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022      | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022      | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022      | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 87.4   | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 11/08/2022      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg/    | kg              | Analyze         | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/08/2022      | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104 %  | 6 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 108 9  | 6 46.3-17       | 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:

Analyzed By: JH

11/04/2022

Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Received:

BTEX 8021B

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/04/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

#### Sample ID: S - 6 (5-5.5') (H225225-36)

| 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           | 11/10/2022 | ND           | 1.95 | 97.6       | 2.00          | 2.59 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 2.05 | 102        | 2.00          | 1.04 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 2.00 | 99.9       | 2.00          | 2.36 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.07 | 101        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 87.8   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 106    | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 110    | % 46.3-17       | 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:

Applyzod By: 14

Tux

Received: 11/04/2022 Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502
Project Location: DEVON - LEA CO., NM

Sampling Date: 11/04/2022

Sampling Type: Soil

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

### Sample ID: S - 7 (0-1') (H225225-37)

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           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 90.8   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 784    | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| 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            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | 14.7   | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 91.4   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 96.5   | % 46.3-17       | 78         |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

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.

Celeg & Frence



# Analytical Results For:

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

Analyzed By: JH

Received: 11/04/2022 Reported: 11/11/2022

THISTLE UNIT 44H CTB

Project Name: THISTLI Project Number: 226502

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/04/2022

Sampling Type: Soil

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

### Sample ID: S - 7 (1-1.5') (H225225-38)

BTEX 8021B

| DIEX GOZID                           | ıııg,  | ng .            | Allulyzo   | .u by. 511   |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 88.3   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 448    | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| 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            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.9   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 97.4   | % 46.3-17       | 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. Keine



#### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

#### Sample ID: S - 7 (2-2.5') (H225225-39)

BTEX 8021B

| DIEX GOZID                           | ıııg,  | ng .            | Allulyzo   | .u by. 511   |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 88.9   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 192    | 16.0            | 11/08/2022 | ND           | 432  | 108        | 400           | 3.64 |           |
| 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            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 98.0   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 102 5  | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: Sample Received By: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 7 (3-3.5') (H225225-40)

| BTEX 8021B                           | mg/     | kg              | Analyze         | d By: JH     |      |            |               |      |           |
|--------------------------------------|---------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result  | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050  | 0.050           | 11/11/2022      | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050  | 0.050           | 11/11/2022      | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | < 0.050 | 0.050           | 11/11/2022      | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150  | 0.150           | 11/11/2022      | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300  | 0.300           | 11/11/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 89.5    | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/     | kg              | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result  | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 176     | 16.0            | 11/08/2022      | 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            | 11/08/2022      | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0   | 10.0            | 11/08/2022      | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0   | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 86.2    | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 88.7    | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 7 (4-4.5') (H225225-41)

RTFY 8021R

| B1EX 8021B                           | mg     | /кд             | Anaiyze         | а ву: ЈН     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022      | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022      | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022      | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022      | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 89.7   | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 224    | 16.0            | 11/08/2022      | 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            | 11/08/2022      | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 83.7   | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 89.9   | % 46.3-17       | <i>'8</i>       |              |      |            |               |      |           |
|                                      |        |                 |                 |              |      |            |               |      |           |

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:

Analyzed By: JH

11/04/2022 11/11/2022 Sampling Date:

11/04/2022

Reported: Project Name:

Received:

BTEX 8021B

THISTLE UNIT 44H CTB

mg/kg

Sampling Type: Sampling Condition: Soil

Sample Received By:

Cool & Intact Tamara Oldaker

Project Number:

226502

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 7 (5-5.5') (H225225-42)

|                                      | 9,     | 9               | 7          | 7: 5::       |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 87.3   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 256    | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 96.5   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 8 (0-1') (H225225-43)

BTEX 8021B

| DILX GOZID                           | ıııg,  | , kg            | Andryzo    | u by. 511    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 89.7   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 3600   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 90.4   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 95.3   | % 46.3-17       | 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:

Analyzed By: JH

Received: 11/04/2022 Reported: 11/11/2022

11/11/2022 Sampling Type: THISTLE UNIT 44H CTB Sampling Condit

Sampling Type: Soil
Sampling Condition: Cool & Intact

11/04/2022

Tamara Oldaker

Sampling Date:

Sample Received By:

Project Name: THISTLI Project Number: 226502

Project Location: DEVON - LEA CO., NM

mg/kg

Sample ID: S - 8 (1-1.5') (H225225-44)

BTEX 8021B

|                                      | 9      | / <del>J</del>  |            |              |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 91.1   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 4400   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 81.8   | % 45.3-16       | 1          |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

Surrogate: 1-Chlorooctadecane 85.6 % 46.3-178

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.

Celeg D. Freene



### Analytical Results For:

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

Applyzod By: 14

14/

11/04/2022 11/11/2022

Reported: 11/11/2022 Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Received:

RTFY 8021R

Project Location: DEVON - LEA CO., NM

Sampling Date: 11/04/2022

Sampling Type: Soil

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

Sample ID: S - 8 (2-2.5') (H225225-45)

| BIEX 8021B                           | mg     | /кд             | Anaiyze         | а ву: ЈН     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022      | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022      | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022      | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022      | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 88.7   | % 69.9-14       | 0               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyzed By: GM |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 432    | 16.0            | 11/08/2022      | 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            | 11/08/2022      | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022      | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 97.3   | % 45.3-16       | 1               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 103    | % 46.3-17       | 78              |              |      |            |               |      |           |
|                                      |        |                 |                 |              |      |            |               |      |           |

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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 8 (3-3.5') (H225225-46)

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           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 90.4   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1140   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 95.6   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 46.3-17       | 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



### Analytical Results For:

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

Received: 11/04/2022 Reported: 11/11/2022 Sampling Date: 11/04/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB

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

Project Number: 226502
Project Location: DEVON - LEA CO., NM

### Sample ID: S - 8 (4-4.5') (H225225-47)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 91.0   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 864    | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 189  | 94.7       | 200           | 11.8 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 195  | 97.6       | 200           | 11.3 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.2   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 106    | % 46.3-17       | 78         |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

## 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. Keine



### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

### Sample ID: S - 8 (5-5.5') (H225225-48)

BTEX 8021B

| DIEX GOZID                           | 11197  | K9              | Andryzo    | .u by. 511   |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 90.6   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | 'kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 816    | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104    | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121    | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

### Sample ID: S - 9 (0-1') (H225225-49)

BTEX 8021B

| DILX GOZID                           | ıııg,  | , kg            | Andryzo    | u by. 511    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 89.3   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg     | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 3600   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 98.6   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 114    | % 46.3-17       | 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 9 (1-1.5') (H225225-50)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 90.1   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | 'kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 4720   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 96.4   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 111 9  | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 9 (2-2.5') (H225225-51)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 89.0   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 3120   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.5   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 46.3-17       | 78         |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 9 (3-3.5') (H225225-52)

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           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 87.9   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 736    | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 107    | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 124    | % 46.3-17       | 8          |              |      |            |               |      |           |
|                                      |        | 70.0 17         | ~          |              |      |            |               |      |           |

## 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Frence



### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226502

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 9 (4-4.5') (H225225-53)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 90.5   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 1710   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | 37.9   | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 109 9  | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 129    | % 46.3-17       | 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. Keine



### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 226502

Project Location: DEVON - LEA CO., NM

### Sample ID: S - 9 (5-5.5') (H225225-54)

| BTEX 8021B                           | mg/    | 'kg             | Analyze    | d By: JH     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 90.2   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 768    | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102 5  | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 119 9  | % 46.3-17       | 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. Keine



### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: JH

Project Location: DEVON - LEA CO., NM

mg/kg

### Sample ID: H - 1 (H225225-55)

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           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 88.6   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 64.0   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 95.9   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 111 9  | % 46.3-17       | 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 related 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Applyzod By: 14

Project Location: DEVON - LEA CO., NM

ma/ka

### Sample ID: H - 2 (H225225-56)

RTFY 8021R

| BIEX 8021B                           | mg     | /кд             | Anaiyze    | а ву: ЈН     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 1.90 | 95.2       | 2.00          | 2.00 |           |
| Toluene*                             | <0.050 | 0.050           | 11/11/2022 | ND           | 2.01 | 101        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/11/2022 | ND           | 1.95 | 97.3       | 2.00          | 3.27 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/11/2022 | ND           | 5.97 | 99.5       | 6.00          | 2.57 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/11/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 89.5   | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 64.0   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 101    | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: H - 3 (H225225-57)

| 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           | 11/10/2022 | ND           | 1.91 | 95.3       | 2.00          | 10.3 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.97 | 98.6       | 2.00          | 7.62 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 1.99 | 99.6       | 2.00          | 7.95 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.13 | 102        | 6.00          | 7.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 9  | 69.9-14         | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | kg              | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 48.0   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 93.0   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 107 9  | 6 46.3-17       | 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. Keine



## Analytical Results For:

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

Received: 11/04/2022 Reported:

Sampling Date: 11/04/2022 11/11/2022 Sampling Type: Soil THISTLE UNIT 44H CTB

Project Name: Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Condition: Cool & Intact Tamara Oldaker Sample Received By:

### Sample ID: H - 4 (H225225-58)

| 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           | 11/10/2022 | ND           | 1.91 | 95.3       | 2.00          | 10.3 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.97 | 98.6       | 2.00          | 7.62 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 1.99 | 99.6       | 2.00          | 7.95 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.13 | 102        | 6.00          | 7.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 106 9  | 69.9-14         | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg/    | kg              | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 93.8   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 105 9  | 6 46.3-17       | 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. Keine



### Analytical Results For:

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

11/04/2022

Reported: 11/11/2022

Project Name: THISTLE UNIT 44H CTB

Project Number: 226502

Project Location: DEVON - LEA CO., NM Sampling Date: 11/04/2022

Sampling Type: Soil

Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker

## Sample ID: H - 5 (H225225-59)

Received:

| 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           | 11/10/2022 | ND           | 1.91 | 95.3       | 2.00          | 10.3 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.97 | 98.6       | 2.00          | 7.62 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 1.99 | 99.6       | 2.00          | 7.95 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.13 | 102        | 6.00          | 7.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 32.0   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.0   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 104    | % 46.3-17       | 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. Keine



### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

### Sample ID: H - 6 (H225225-60)

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           | 11/10/2022 | ND           | 1.91 | 95.3       | 2.00          | 10.3 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.97 | 98.6       | 2.00          | 7.62 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 1.99 | 99.6       | 2.00          | 7.95 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.13 | 102        | 6.00          | 7.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.4   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 46.3-17       | 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Frene



### Analytical Results For:

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

Received: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

### Sample ID: H - 7 (H225225-61)

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           | 11/10/2022 | ND           | 1.91 | 95.3       | 2.00          | 10.3 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.97 | 98.6       | 2.00          | 7.62 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 1.99 | 99.6       | 2.00          | 7.95 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.13 | 102        | 6.00          | 7.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103    | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | d By: GM     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 94.1   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 106    | % 46.3-17       | 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: 11/04/2022 Sampling Date: 11/04/2022

Reported: 11/11/2022 Sampling Type: Soil

Project Name: THISTLE UNIT 44H CTB Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: H - 8 (H225225-62)

| 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           | 11/10/2022 | ND           | 1.91 | 95.3       | 2.00          | 10.3 |           |
| Toluene*                             | <0.050 | 0.050           | 11/10/2022 | ND           | 1.97 | 98.6       | 2.00          | 7.62 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 11/10/2022 | ND           | 1.99 | 99.6       | 2.00          | 7.95 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 11/10/2022 | ND           | 6.13 | 102        | 6.00          | 7.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 11/10/2022 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101    | % 69.9-14       | 0          |              |      |            |               |      |           |
| Chloride, SM4500CI-B                 | mg,    | /kg             | Analyze    | ed By: GM    |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 16.0   | 16.0            | 11/08/2022 | 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            | 11/08/2022 | ND           | 215  | 107        | 200           | 1.12 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 11/08/2022 | ND           | 202  | 101        | 200           | 6.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 11/08/2022 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 84.8   | % 45.3-16       | 1          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 95.3   | % 46.3-17       | <i>'8</i>  |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

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. Kreine



### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

recovery.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

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

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

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 of 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.

Celeg D. Freene

Address: City, State ZIP:

Carlsbad, NM 88220

City, State ZIP: Address: Company Name: Bill to: (if different)

6488 Seven Rivers Highway

State of Project:

\_uperfund \_

Work Order Comments

Page

9

Devon Energy Wesley Mathews

402 E Wood Ave NTG Environmental

Project Manager: Company Name:

Ethan Sessums

Chain of Custody

| Parameters  Pres.  Code  Parameters  BTEX 8021B         | Water Grab # of Parameters  Parameters  Parameters  BTEX 8021B  TPH 8015M (GRO + DRO + MRO) | Water Comp # of Parameters  Parameters  Code  Parameters  Parameters  BTEX 8021B  TPH 8015M (GRO + DRO + MRO) | Water Comp # Of Pres.  Parameters  BTEX 8021B  TPH 8015M (GRO + DRO + MRO)           | Water Grab # of Parameters  Parameters  Parameters  BTEX 8021B  TPH 8015M (GRO + DRO + MRO) | Due Date:  TAT starts the day received by the lab, if received by 4:30pm  Wet loe:  Roading:  Roading:  Parameters  Soil  Water  Grab  Parameters  BTEX 8021B  TPH 8015M (GRO + DRO + MRO)   |
|---|---|---|--|---|--|
| Parameters  BTEX 8021B  3015M ( GRO + DRO + MRO         | BTEX 8021B  TPH 8015M (GRO + DRO + MRO)  Chloride 4500  HOLD                                | BTEX 8021B  TPH 8015M (GRO + DRO + MRO)  Chloride 4500  HOLD  | BTEX 8021B  TPH 8015M (GRO + DRO + MRO)  Chloride 4500  HOLD                         | BTEX 8021B  TPH 8015M (GRO + DRO + MRO)  Chloride 4500  HOLD                                | BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500  HOLD   |
| Parame<br>BTEX 80218<br>3015M (GRO + Di<br>Chloride 450 | Water Comp Parame  Comp Parame  BTEX 80218  TPH 8015M (GRO + Di  Chloride 450               | Water Comp Parame  Comp Parame  Cont Parame  Cont Parame  Chloride 450  Chloride 450  HOLD                    | Water Comp Parame  Comp Parame  Cont Parame  TPH 8015M (GRO + Di  Chloride 450  HOLD | Water Comp Comp Parame  Cont Parame  BTEX 80218  TPH 8015M (GRO + Di  Chloride 450          | Water Comp Ont Parameter Comp Parameter Comp Parameter Comp Parameter Parameter Content of the C |
|   | Water Grab) # of PH   | Water Grab) # of PH   | Water Grab) # of PH  | Water Grab) # of PH   | Water Grab) # of PH B  |
| 200   |   |   |  |   |  |

| by                           | OCD Nenco   | 1/16/20                                  | <b>2</b> 3 | 1:5     | 1:1 | 2 PA  | T   | T      |        | N N   | 110    | T               |                          |                        | Tota  | San                        | Coc                                 | Rec  | SA               | PO#.  | Sa                                  | Pro                | Pro              | Pr                        | 7 =                          | 1 0                       | ) ]:                                  | Þ T                  | 0 1-                    | רס             | Page           | 134 of           |
|------------------------------|---|--|------------|---------|-----|-------|-----|--------|--------|-------|--------|-----------------|--------------------------|------------------------|---|----------------------------|-------------------------------------|--|------------------|---|-------------------------------------|--------------------|------------------|---------------------------|------------------------------|---------------------------|---------------------------------------|----------------------|-------------------------|----------------|----------------|------------------|
| When                         | b. A minimum charge inquished by: (S  | Signature of this docu                   | Addition   | 5-4 (   |     | 2 2.3 | 200 | 13     | 5-3    | 5-3 ( | 1 2-5  | 2               | sample Identification    |                        | Total Containers:   | Sample Custody Seals       | Cooler Custody Seals:               | Received Intact:   | SAMPLE RECEIPT   | #.  | Sampler's Name:                     | Project Location   | Project Number:  | Project Name:             | Phone:                       | City, State ZIP:          | nudicas.                              | Address:             | Company Name:           | roject Managar | P              |                  |
|                              | Senote. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the cilent if such losses are due to circumstances beyond the control.  Relinquished by: (Signature)  Received by: (Signature)  Received by: (Signature) | e of this document and relinquishment of |            | 1-1.5') |     | 5.4.5 | 12  | 2.2.5' | (,5%-1 | (')-0 | 5-5,5) | 4.4.5) 11.4     | ification Date           |                        |   | Yes No                     | Vac No                              | Yes No   |                  |   |                                     |                    |                  |                           | 254-266-5456                 | Carlsbad, NM 88220        | 402 E Wood Ave                        | IN I G Environmental | Ethan Sessums           |                | ENVIRONMENTAL  | 7                |
| Mucha                        | s and shall not assum ach project and a cha Received by   | Samples postitute                        |            |         | -   |       |     |        |        |       |        | 7               | te Time                  | Corrected              |   | Correction Factor:         |                                     |  |                  |   |                                     |                    |                  |                           |                              |                           |                                       |                      |                         |                |                |                  |
| Mary                         | shall not assume any responsibility roject and a charge of \$5 for each as Received by: (SignBattara)   |  |            | +       | +   |       | +   | +      | +      |       |        | 1               | Soil                     | Corrected Temperature: | remperature Reading:  | Factor:                    | eter ID:                            | ) Wet Ice:   |                  | TAT starts the d  | Due Date:                           | Koutine            | Turn             | -mail,                    | Email:                       |                           |                                       |                      |                         |                |                |                  |
|                              | er from client compa<br>for any losses or ex<br>imple submitted to )  |  |            |         |     |       |     |        |        |       |        | Comp            | Water (Grab)             | -2,0°                  | 1140  | -0,60                      | 113                                 | Yes No   | ou by 4.50pm     | TAT starts the day received by the lab, if received by 4-3now |                                     | Rush               | Turn Around      | xvesiey.iviatnews@dvn.com | Wooley Mark                  | City State 710.           | Address:                              | Company Name:        | Bill to: (if different) |                |                |                  |
| Date/Time                    | any to Xenco, its aff<br>spenses incurred by<br>Xenco, but not analy  |  | _          |         |     |       |     |        |        |       | 7      | Cont            | # of                     |                        | вт  | Par<br>TEX 8               | _                                   | nete   | rs               |   |                                     | Code               | ,                | ws@dvn.com                | Arte                         | 6488                      |                                       |                      |                         |                |                | Chain            |
| Rel<br>Rel                   | illiates and subcons<br>/ the client if such I<br>yzed. These terms   | -  | 1          |         |     | -     |     |        |        | -     | 1      |                 | ТРН                      | 80151                  | _   | GRO                        | _                                   |  | + N              | MRO)  |                                     |                    |                  |                           | Artesia, NM 88210            | 6488 Seven Rivers Highway | Devon Energy                          | Device Form          | slev Mathews            |                |                | Chain of Custody |
| Relinquished by: (Signature) | tractors. It assigns strosses are due to circu<br>will be enforced unles  |  |            |         |     |       |     |        |        |       |        |                 |                          |                        |   |                            |                                     | _  |                  |   |                                     |                    | ANALY            |                           |                              | lighway                   |                                       |                      |                         |                |                | ody              |
| ignature)                    | andard terms and<br>umstances beyond<br>s previously nego   |  | -          |         |     |       |     |        |        | +     |        |                 |                          |                        | _   |                            |                                     |  | _                |   | -                                   | 10000              | ANALYSIS REQUEST | Del                       | Rej                          | Sta                       | Pro                                   | <br>                 |                         |                |                |                  |
| Received by: (Signature)     | d conditions<br>d the control<br>stiated.   |  |            |         |     |       |     |        |        |       |        |                 |                          |                        |   |                            | _                                   |  |                  |   | -                                   |                    | 1                | Deliverables: EDD         | Reporting:Level II Level III | State of Project:         | Program: UST/PST PRP Brownfields PRPC |                      |                         |                | Wor            |                  |
| (Signature)                  |   |  | -          |         |     |       |     | +      | -      |       |        |                 | 7                        | N .                    | _   | OLD                        |                                     |  |                  |   |                                     |                    |                  | ADaPT                     | evel III PST/UST             | ı                         | PRP Brow                              | Work Order Comments  |                         |                | Work Order No: |                  |
| Date/Time                    |   |  |            |         |     |       |     |        |        |       |        | Sample Comments | NaOH+Ascorbic Acid: SAPC | Zn Acetate+NaOH: Zn    | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; NaSO <sub>2</sub> | NaHSO <sub>4</sub> : NABIS | H <sub>3</sub> PO <sub>4</sub> : HP | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na | HCL: HC HNO3: HN | Cool: Cool MeOH: Me   | None: NO DI Water: H <sub>2</sub> O | Preservative Codes | $\parallel$      | Other                     | T/UST TRRP TI availy         | Charle                    | _                                     | Comments             | Page 2 of               |                | o: H22 522     |                  |
|                              |   |  |            |         |     |       |     |        |        |       |        |                 |                          | _                      |   |                            |                                     |  |                  |   | H <sub>2</sub> O                    |                    |                  | [                         | \<br>                        |                           | 2                                     |                      | 7                       |                | Page 66        | of 71            |



|   |   | 4  |  |               |   |  |   |                        |                              |
|---|---|--|--|---------------|---|--|---|------------------------|------------------------------|
| Date  |   | 2  | 8401-                                      | 11-4-22       |   | many man   | Jenn M                                      |                        | hul                          |
| Date/Time   | Received by: (Signature)                        | Relinquished by: (Signature)   | Date/Time                                  | Dat           | Jye)  | Received by: (Signature)                                   | 100   | ) Signaturo            | 1                            |
|   | regotiated.                                     | e terms will be enforced unless previously   | not analyzed. These                        | to Xenco, but | pettimons ardines   | Oppositual La (O)  |   | (Signature)            | Relinquished by: (Signature) |
|   | s and conditions                                | ervice. 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 | o, its affiliates and curred by the client | mpany to Xenc | ise order from client co<br>sibility for any losses of<br>each sample submitted | hall not assume any respon<br>ject and a charge of \$5 for | st of samples and sh<br>applied to each pro | rge of \$85.00 will be | nco. A minimum cha           |
|   |   |  |  |               |   | a constitution and the                                     | uishment of samples                         | ocument and reling     | e: Signature of this         |
|   |   |  | -  |               |   |  | 0:  | Additional Comments:   | Additio                      |
|   |   |  | -  |               |   | -  | _   | 5-5.5)                 | 5-5                          |
|   |   |  |  |               |   |  |   | 1.8.4.                 | 5.5                          |
|   |   |  | -  |               |   |  |   | 3 - 3.5'               | 8-5                          |
|   |   |  | -  |               |   |  |   | 2-1.5)                 | 5.51                         |
|   |   |  |  |               |   | -  |   | 1-1.5                  | 5.5                          |
|   |   |  |  |               |   |  |   |                        | 5-5 (                        |
|   |   |  |  |               |   | -  | -   | 5-8-5                  | 5-4 (                        |
|   |   |  | -  | I             | +   |  |   | 1.5.h-h                | 1 h - 5                      |
|   |   |  |  |               |   | -  -   | -   | 3-8.57                 | 1 h - S                      |
| Sample Comments   |   |  | 7  |               |   |  | h-11  | 2.2.5')                | 3-4 (                        |
| NaOH+Ascorbic Acid: SAPC  | NaOH  |  | ТРН  | # of          | Wa  | Time Soil  | Date  | ntification            | Sample Identification        |
| Zn Acetate+NaOH: Zn   | Zn Ace  |  |  |               | 1   | Corrected Temperature:                                     |   |                        | oral Containers:             |
| Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |   |  | М (  |               | 110   | Temperature Reading:                                       | No NA                                       | als: Yes               | otal Costsiony Seals:        |
| NaHSO <sub>4</sub> : NABIS  | oLD NaHS  |  | GRO  | Pa            | -016:   | Correction Factor:   | No N/A                                      | +                      | ample Custody Seals:         |
| , HP  | H₃PO₄: HP                                       |  | 021I<br>0 + D                              | rame          |   | nomete   | es No                                       | -                      | Received Intact:             |
|   | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> |  | RO+  | eters         | Yes No  | Yes No Wet Ice:  | Temp Blank:                                 |                        | SAMPLE RECEIPT               |
|   | HCL: HC   |  | MR   |               | lab, if received by 4:30pm  | lab, #r  |   |                        | 00#:                         |
|   | Cool: Cool                                      |  | 0)   |               | the day received but  | TAT starts   |   |                        | Sampler's Name:              |
| : NO DI Water: H <sub>2</sub> O                                   | None: NO  |  | -  | Code          | +   | Due Date:  |   |                        | Project Location             |
| Preservative Codes  |   | ANALYSIS REQUEST   |  | Pres.         | Rush  | Routine  |   |                        | Project Number:              |
| Other:  |   |  |  |               | Turn Around   | 1  |   |                        | Project Name:                |
| г   | Deliverables: FDD   AD-DT                       |  | om   | ews@dvn.c     | Email: Wesley.Mathews@dvn.com   | En   | 6   | 254-266-5456           | Phone:                       |
| 7   | Reporting:   Park     Park                      |  | Artesia NM 88210                           |               | City, State ZIP   |  | И 88220                                     | Carisbad, NM 88220     | City, State LIF:             |
|   | State of Project:                               |  | 6488 Seven Rivers Highway                  |               | Address:  |  | NAC.  | 0                      | ty State 7ID.                |
| s RRC Junerfund   | Program: UST/PST                                |  | Devon Energy                               | e             | Company Name:   |  | Ave   | 402 E Wood Ave         | Address:                     |
| nents   | Work Order Comments                             | VS   | wesiey Mathews                             | 9             | Om so: (in different)   |  | nmental                                     | NTG Environmental      | Company Name:                |
| Page 3 of 7   |   |  | 100  |               | Bill to: (if different  |  | smr   | Ethan Sessums          | Project Manager:             |
| H225225   | Work Order No:                                  |  |  |               |   |  | TAL G                                       | ENVIRONMENTAL          | P                            |
|   |   | stody  | Chain of Custody                           | Chai          |   |  | 9   |                        |                              |
|   |   |  |  |               |   |  |   |                        |                              |

| Page 136 of | 48 |
|-------------|----|
|-------------|----|

| (    | L   |
|------|-----|
| 14   |     |
| ENVI | 2   |
| RONM |     |
| ENTA | 0   |
| AL   | (a) |

|                                | Ethan Sessums   |   | Bill to: (if different)                                  |                                   |  |  | Page 4 of 7   |
|--------------------------------|---|---|--|-----------------------------------|--|--|---|
| Company Name: NT               | NTG Environmental   |   | Cili IO. (II different)                                  | Wesley Mathews                    | S  | Work Order Comments                      |   |
|                                | 402 E Wood Ave  |   | Company Name:  | Devon Energy                      |  | Program: UST/PST   PRP   Brownt          | 8   |
| e ZIP:                         | Carlshad NM 88220   |   | Address:   | 6488 Seven Rivers Highway         | ers Highway  |  | Lord Chemina  |
|                                | A DOO FATO  |   | City, State ZIP:   | Artesia, NM 88210                 | 10   | Reporting I evel II                      | 7   |
|                                | 234-206-5456  | Email:                                  | ail: Wesley.Mathews@dvn.com                              | @dvn.com                          |  | Dollarskin Craya III Collu               |   |
| Project Name:                  |   | 7                                       | In Around  |                                   |  | ADaPT L                                  | Other:  |
| Project Number:                |   | Routine                                 | P Puch   | Pres.                             | ANALYSIS REQUEST   | QUEST                                    | Preservative Codes  |
| Project Location               |   |   |  | Code                              |  | 2  |   |
| Sampler's Name:                |   | Due Date:                               |  | )                                 |  |  |   |
| PO #.                          |   | lab if re                               | lab, if received by the                                  | MRO                               |  |  | Ol .  |
| SAMPLE RECEIPT                 | Temp Blank:   | )                                       | )  |                                   |  |  |   |
| Received Intact:               | (Yes) No 5  | Thermometer ID:                         | Xes No   | DR                                |  |  | H DO . HD   |
| Cooler Custody Seals:          | 0   | Correction Eactor                       | 1  | ( 80:<br>RO +                     |  |  | Mauso Mario   |
| Sample Custody Seals:          | No  | Temperature Reading:                    | 10.60  | ВТЕ                               |  | HOI                                      | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>2</sub> |
| Total Containers:              |   | Corrected Temperature                   | しんらい   | 0151                              |  | Zn                                       | Zn Acetate+NaOH: Zn   |
| Sample Identification          | Da  | Time Soil                               | Wa   | Cont TPH 8                        |  | Na                                       | NaOH+Ascorbic Acid: SAPC  |
| 6                              | 1-1   | -                                       |  |                                   |  |  | campie comments   |
| 6/12                           | 10  |   |  | -                                 |  |  |   |
| 5-6 /3-2                       | 2.5')   |   |  |                                   |  |  |   |
| 9                              | 1.5.4   |   |  |                                   |  |  |   |
| (5.                            | (,5'5   |   |  |                                   |  |  |   |
| 5-7 10-1                       | -   |   |  |                                   |  |  |   |
| 5-7 11-1.                      | 5')   |   |  |                                   |  |  |   |
| 7 (2.                          | 2.5')   |   |  |                                   |  |  |   |
| 5-7 (3-3                       | 3.5')   | -                                       |  |                                   |  |  |   |
| Additional Comments:           | omments:  |   |  |                                   |  |  |   |
| ice: Signature of this documen | otice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. | s constitutes a valid purchas           | e order from client compa                                | ny to Xenco, its affiliates and s | Thomason Is an I   |  |   |
| enco. A minimum charge of \$   | 885.00 will be applied to each pro  | ject and a charge of \$5 for ea         | bility for any losses or ex<br>ich sample submitted to X | penses incurred by the client if  | 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 needed to control and control analyzed. These terms will be enforced unless needed to control analyzed. | erms and conditions s beyond the control |   |
| James by Joign                 | nature) I   | Received by: (Signature)                | e) /   | Date/Time                         | Relinquished by: (Signature)   | Sol Desired                              |   |
| her to                         | 1000  | 111111111111111111111111111111111111111 | 1  |                                   |  | e) Received by: (Signature)              | Data Time   |

68 of 71



| ENV  | ENVIRONMENTAL                      |  | Ω                              | Chain of Gustody             | stody   | Work Order No:                             | Page 69 of 71  |
|--|------------------------------------|--|--------------------------------|------------------------------|---|--|--|
| Project Manager: E                                       | Ethan Sessums                      |  | Bill to disease                |                              |   |  | Page 5 of 7  |
| Company Name: N  | NTG Environmental                  |  | DIII (O. (IT different)        | Wesley Mathews               | WS  | Work Ord                                   | Work Order Comments                                      |
|  | 402 E Wood Ave                     |  | Company Name:                  | Devon Energy                 |   | Program: UST/PST   PRP   Brownfields   RRC | ownfields RRC Innerfund                                  |
| City, State ZIP: C                                       | Carlsbad, NM 88220                 |  | Address:                       | 6488 Seven Rivers Highway    | vers Highway  | State of Project:                          |  |
| Phone: 2   | 254-266-5456                       | Email: N   | City, State ZIP:               | Artesia, NM 88210            | 210   | Reporting:Level II Level III               | □ST/UST □TRRP □ Level IV □                               |
| Project Name:  |                                    | /-   |                                | San Pooli                    |   | Deliverables: EDD   AD                     | ADaPT Other:   |
| Project Number:  |                                    | Routing  | -                              | res.                         | ANALYSIS REQUEST  | QUEST                                      | Procervative Codes                                       |
| Project Location   |                                    | To wonding   | Kush                           | Code                         |   |  | Noon NO  |
| Sampler's Name:  |                                    | Due Date:  |                                | ))                           |   |  |  |
| PO #:  |                                    | lab, if received by 4:30pm   | y received by the ad by 4:30pm | MRC                          |   |  | HCI - HC   |
| SAMPLE RECEIPT   | Temp Blank:                        | Yes No Wat Ica-  |                                | RO +                         |   |  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na |
| Received Intact:   | Wes No                             | momete   | 13                             | )21B<br>+ DF                 |   |  | Ü  |
| Cooler Custody Seals:                                    | Yes No (N/A)                       | Correction Factor:   | 0/00                           | X 8                          |   | DLD  |  |
| Sample Custody Seals:                                    | Yes No NA                          | Temperature Reading:   |                                | ВТЕ                          |   | но   |  |
| oon containers,  |                                    | Corrected Temperature: -   | Dio c                          | 8015                         |   |  | Zn Acetate+NaOH: Zn                                      |
| Sample Identification                                    |                                    | Time Soil V  | Water Comp Co                  | # of PP                      |   |  | Sample Comments  |
| 5-7 (5.4   | (51)                               | -  |                                | 111                          |   |  |  |
| 5-8 (0-1   |                                    |  |                                | -                            |   |  |  |
| 2-1 1-15.  |                                    |  |                                |                              |   |  |  |
| 5-8 (2-1.)   | (,)                                |  |                                |                              |   |  |  |
| 5-8 (4-4   | 5')                                |  |                                |                              |   |  |  |
| 2-8 (5.6   | ('2                                |  | -                              |                              |   |  |  |
| 5-9 (0-1'  |                                    |  |                                |                              |   |  |  |
| City Lee   | 1                                  | 1  |                                | -                            |   |  |  |
| Additional   | Auditional Comments:               |  |                                |                              |   |  |  |
| ervice. Xenco will be liable<br>enco. A minimum charge o | only for the cost of samples and a | es constitutes a valid purchase ord<br>shall not assume any responsibility | er from client company         | to Xenco, its affiliates and | service. Xenco will be liable only for the cost of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions Xenco. A minimum charge of \$86.00 will be applied to the sample and shall not assume any responsibility for any losses or expenses incurred by the contractors. It assigns standard terms and conditions | rms and conditions                         |  |
| Relinquished by: (Signature)                             | nature) /                          | Possing has fell as a second   | ample submitted to Xeno        | co, but not analyzed. Thes   | e terms will be enforced unless previous  | sly negotiated.                            |  |
| He le  | him                                | Neceived by://signature)   |                                | Date/Time                    | Relinquished by: (Signature)  | Received by: (Signature)                   |  |
| 100  | nun                                | MIN IXXIVAN  | BAC 11-4                       | 1-22 1048                    |   | 1  | nate/Time  |
|  |                                    |  |                                |                              | 4   |  |  |
|  |                                    |  |                                |                              | n   |  |  |

Address: City, State ZIP:

Carlsbad, NM 88220 402 E Wood Ave NTG Environmental

City, State ZIP:

Company Name: Address:

Devon Energy

6488 Seven Rivers Highway Artesia, NM 88210

Company Name:

|                         | Page 138 of 4 |
|-------------------------|---------------|
| Project Manager:        |               |
| Ethan Sessums           | NVIRONMENTAL  |
| Bill to: (if different) | Chai          |
| Wesley Mathews          | n of Cust     |

| Phone: 254-266-5456  | 56  |   | Email:                             | Email: Wesley.Mathews@dvn.com                           | athews                    | pdvn.co                             | m                                  |   |          |                        |  | Del                                      | iverable                            | Deliverables: EDD         |          | ADal   | ADaPT   | Other:                              | d                          |
|--|---|---|------------------------------------|---|---------------------------|-------------------------------------|------------------------------------|---|----------|------------------------|--|--|-------------------------------------|---------------------------|----------|--------|---|-------------------------------------|----------------------------|
| Project Name:  |   |   | Turn                               | Turn Around   |                           |                                     |                                    |   |          |                        | ANALYSIS REQUEST   | REQUE                                    | ST                                  |                           |          |        |   | Preserva                            | Preservative Codes         |
| Project Number:  |   |   | Routine                            | Rush  |                           | Pres.<br>Code                       |                                    | $\dashv$                                | $\dashv$ |                        |  | -  | $\exists$                           |                           | $\dashv$ |        | None: NO  | NO                                  | DI Water: H <sub>2</sub> O |
| Project Location   |   |   | Due Date:                          |   |                           |                                     | _                                  | -                                       |          |                        |  |  | 1                                   |                           | -        |        | Cool: Cool                                      | Cool                                | MeOH: Me                   |
| Sampler's Name:  |   |   | TAT starts the day received by the | day received  | by the                    |                                     |                                    | RO)                                     |          |                        |  | _  | _                                   |                           |          |        | HCL: HC   | HC                                  | HNO3: HN                   |
| PO#:   |   |   | lab, if rece                       | lab, if received by 4:30pm                              | 3                         | S                                   |                                    | + M                                     |          |                        |  | _  |                                     |                           | _        |        | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> | 4: H <sub>2</sub>                   | NaOH: Na                   |
| SAMPLE RECEIPT TO  | Temp Blank:   | Yes (No   | Wet Ice:                           | Yes   | No                        | eter                                |                                    | DRO                                     | -        |                        |  |  |                                     |                           |          | _      | H,PO  | H <sub>3</sub> PO <sub>4</sub> : HP |                            |
| Received Intact:   | Yes No  |   | ter ID:                            | 1 ///   |                           | ram                                 | 8021                               | 0 + I                                   | 6 45     | _                      |  |  |                                     |                           |          | LD     | NaHS  | NaHSO <sub>4</sub> ; NABIS          | S                          |
| Seals: Ye  | ×   | Correction Factor:                                    | Factor:                            | -0.6  | 00                        | Pa                                  | _                                  |   | Ond      |                        |  |  |                                     |                           |          | но     | Na <sub>3</sub> S                               | Na,S,O,: NaSO,                      | 9,                         |
| Sample Custody Seals: Yes  | S NO MA   | Temperatu   | Temperature Reading:               | 411-  | 6 5                       |                                     | -                                  | _                                       | Cit      |                        |  | _  |                                     |                           |          |        | Zn Ac   | Zn Acetate+NaOH: Zn                 | OH: Zn                     |
| Total Containers:  | (   | Corrected   | Corrected Temperature:             | -20   | 00                        |                                     |                                    | 801                                     | _        |                        |  | _  |                                     |                           |          |        | NaOH  | 1+Ascorbin                          | NaOH+Ascorbic Acid: SAPC   |
| Sample Identification  | Date  | Time  | Soil                               | Water   | Comp                      | # of<br>Cont                        |                                    | TPH                                     |          |                        |  | _  | ·                                   |                           |          |        |   | Sample                              | Sample Comments            |
| 5-9 (2-25)   | 11-4  |   | 1                                  |   |                           |                                     | 5                                  | 1                                       | 1        |                        |  |  |                                     |                           |          |        |   |                                     |                            |
| 5-6 (3.3.5')   | -   |   |                                    |   |                           |                                     | -                                  |   |          |                        |  |  |                                     |                           |          |        |   |                                     |                            |
| 5-9 (4-4.51)   | -   |   |                                    |   |                           |                                     | +                                  |   |          |                        |  |  | T                                   |                           | $\vdash$ |        |   |                                     |                            |
| H-1  | +   |   |                                    |   | +                         |                                     | +                                  |   |          | T                      | -  | +  | 1                                   |                           | +        | +      | Ť   |                                     |                            |
| 1.2  |   |   |                                    |   | _                         |                                     |                                    |   | +        | 1                      |  | -  | +                                   |                           | +        | 1      | 1   |                                     |                            |
| 4-2  |   |   |                                    |   | _                         |                                     |                                    |   | +        |                        |  | -  |                                     |                           | +        |        |   |                                     |                            |
| h-4  |   |   |                                    |   |                           |                                     |                                    |   |          |                        |  |  |                                     |                           | -        |        |   |                                     |                            |
| 4-5  |   |   |                                    |   |                           |                                     |                                    |   |          |                        |  | -  |                                     |                           | +        |        |   |                                     |                            |
| H-6  | -   |   | 1                                  |   |                           |                                     | -                                  |   |          |                        |  |  |                                     |                           | -        |        |   |                                     |                            |
| Additional Comments:   | nts:  |   |                                    |   |                           |                                     |                                    |   |          |                        |  |  |                                     |                           |          |        |   |                                     |                            |
| otice: 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 if 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. | linquishment of sample cost of samples and be applied to each | oles constitute<br>d shall not ass<br>project and a c | s a valid purchasume any respons   | se order from c<br>sibility for any l<br>each sample su | lient compositions or ex- | any to Xe<br>xpenses i<br>Xenco, bu | nco, its a<br>ncurred<br>at not an | ffiliates a<br>by the cli<br>alyzed. Ti | and subc | ontractor<br>th losses | s. It assigns star<br>are due to circur<br>enforced unless | ndard terms<br>nstances be<br>previously | s and con<br>eyond the<br>negotiate | ditions<br>control<br>ed. |          |        |   |                                     |                            |
| Relinquished by: (Signature)   | /   | Received  | Received by: (Signature            | 1 (160)   | 0                         | D                                   | Date/Time                          | le l                                    | 77       | elinqui                | Relinquished by: (Signature)                               | gnature)                                 |                                     | Received by: (Signature)  | ed by: ( | Signat | ure)  |                                     | Date/Time                  |
| The se   | 100   | uara  | Ma                                 | MAN MAN   | 1                         | 1-4-2                               | 2                                  | 100                                     | 2        |                        |  |  |                                     |                           |          |        |   |                                     |                            |
| 1  |   |   | (                                  | -   |                           |                                     |                                    |   | 4        |                        |  |  |                                     |                           |          |        |   |                                     |                            |
|  |   |   |                                    |   |                           |                                     |                                    |   | 6        |                        |  |  |                                     |                           |          |        |   |                                     |                            |

| Reporting:Level III  Level III  PST/UST  TRRP  Level IV | Program: UST/PST | Work Order Comments | Page | Work Order No: Hand Salas of |
|---|------------------|---------------------|------|------------------------------|
|   | <u>-</u>         |                     | 0    | 0                            |
| evel IV   | perfund          |                     | ٦    | 8                            |
|   |                  | Ц                   | Page | 70 of                        |

|      |    |    | 1  |
|------|----|----|----|
| Page | 70 | of | 71 |

| ۰, | v . |  |
|----|-----|--|
|    |     |  |

ENVIRONMENTAL

Address: City, State ZIP:

Carlsbad, NM 88220

Address: City, State ZIP:

6488 Seven Rivers Highway

State of Project:

\_uperfund \_

Work Order Comments

Page

Company Name: Bill to: (if different)

Devon Energy Wesley Mathews

Project Manager: Company Name:

Ethan Sessums

NTG Environmental 402 E Wood Ave

|  | 1000       |
|--|------------|
|  | . (7)      |
|  | integral.  |
|  | to a       |
|  | 577        |
|  | mention in |
|  | - 31       |
|  |            |
|  | 100        |
|  | 2          |
|  |            |
|  | 7000       |
|  | 5.0        |
|  | (100       |
|  | 10.00      |
|  | UT         |
|  | prob       |
|  |            |
|  | 7          |
|  | Salar      |
|  |            |
|  |            |

| Relinquished by: (Signature)   | Additional Comments:  otice: Signature of this document and relinquif service. Xenco will be liable only for the cost  | 1 1 1. | H-1            | Sample Identification    | Total Containers:      | Sample Custody Seals:   | Cooler Custody Seals: | Received Intact:       | SAMPLE RECEIPT                                  | PO#                        | Sampler's Name: | Project Location           | Project Number:    | Project Name: |                               |  |
|--|--|--------|----------------|--------------------------|------------------------|---|-----------------------|------------------------|---|----------------------------|-----------------|----------------------------|--------------------|---------------|-------------------------------|--|
| nature)  | Omments:  nt and relinquishment of sampling for the cost of samples and  | -      | 11-4           | Da                       |                        | No  | 0                     | Yes No                 | Temp Blank:                                     |                            |                 |                            |                    |               | 254-266-5456                  |  |
| Received by Signature  | es constitutes a valid purchase  |        | -              | Time Soil                | Corrected Temperature: | Temperature Reading:  | Correction Factor:    | nomete                 | Yes No Wet Ice:                                 | lab, if rece               | TAT shots the   | Dille Date:                | Routine            | Tur           | Email                         |  |
| h sample submitted to  | order from client comp   |        |                | Water Grab               | -210°                  | 11.40   | 1000                  | 101                    | VAS No  | lab, if received by 4:30pm |                 | 1                          | Rush               | Turn Around   | Email: Wesley.Mathews@dvn.com | City, State ZIP:                           |
| xypenses incurred by the client if xenco, but not analyzed. These to Date/Time  L4-22 /048 2   | Additional Comments:  Additional Comments:  Otice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It | -      | 111            | Cont TPH                 | 8015N                  | BTE   | X 80                  | 21E                    | RO+   |                            | 0)              | Code                       | Pres.              |               | s@dvn.com                     | Artesia, NM 88210                          |
| Relinquished by: (Signature)  Received by: (Signature) | bconiractors. It assigns standard  |        |                |                          |                        |   |                       |                        |   |                            |                 |                            | CHARLE SIGNED      | ANAI YEIE DE  |                               | 0  |
| res beyond the control susty negotiated.  Received by: (Signature)   | terms and conditions   |        |                |                          |                        |   |                       |                        |   |                            |                 |                            | COEST              | Ollect        | Deliverables: EDD             | Reporting:Level III   Level III   DST/LIST |
| ignature)  |  |        |                | NaOH+As<br>Sam           | Zn Acetate             | H Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; NaSO <sub>3</sub> |                       | H <sub>3</sub> PO.: HP | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> | HCL: HC                    | Cool: Cool      | None: NO                   | Pre                |               | ADaPT []                      | III Detillet                               |
| Date/Time  |  |        | - Pro-Comments | NaOH+Ascorbic Acid: SAPC | Zn Acetate+NaOH: Zn    | NaSO <sub>3</sub>   | NABIS                 |                        |   | HNO3: HN                   |                 | DI Water: H <sub>2</sub> O | Preservative Codes |               | Other Level IV                | ton  |

Work Order No:



June 09, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE 46

Enclosed are the results of analyses for samples received by the laboratory on 06/07/23 16:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at <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 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)

Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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 701 TRADEWINDS BLVD. SUITE C

MIDLAND TX, 79706

Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

| Sample ID       | Laboratory ID | Matrix | Date Sampled    | Date Received   |
|-----------------|---------------|--------|-----------------|-----------------|
| V - 1 ( 0-1 )   | H232922-01    | Soil   | 07-Jun-23 00:00 | 07-Jun-23 16:40 |
| V - 1 ( 1-1.5 ) | H232922-02    | Soil   | 07-Jun-23 00:00 | 07-Jun-23 16:40 |
| V - 1 ( 2-2.5 ) | H232922-03    | Soil   | 07-Jun-23 00:00 | 07-Jun-23 16:40 |
| V - 1 ( 3-3.5 ) | H232922-04    | Soil   | 07-Jun-23 00:00 | 07-Jun-23 16:40 |
| V - 2 ( 0-1 )   | H232922-05    | Soil   | 07-Jun-23 00:00 | 07-Jun-23 16:40 |
| V - 2 ( 1-1.5 ) | H232922-06    | Soil   | 07-Jun-23 00:00 | 07-Jun-23 16:40 |
| V - 2 ( 2-2.5 ) | H232922-07    | Soil   | 07-Jun-23 00:00 | 07-Jun-23 16:40 |
| H - 1           | H232922-08    | Soil   | 07-Jun-23 00:00 | 07-Jun-23 16:40 |
| H - 2           | H232922-09    | Soil   | 07-Jun-23 00:00 | 07-Jun-23 16:40 |
| H - 3           | H232922-10    | Soil   | 07-Jun-23 00:00 | 07-Jun-23 16:40 |
| H - 4           | H232922-11    | Soil   | 07-Jun-23 00:00 | 07-Jun-23 16:40 |

06/09/23 - Client changed the project name (see COC). This is the revised report and will replace the one sent on 06/08/23.

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 ar 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 damage 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 claims 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. Keine



# **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

V - 1 ( 0-1 ) H232922-01 (Soil)

| Analyte                               | Result        | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|---------------------------------------|---------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                       |               |      | Cardin             | al Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                   |               |      |                    |            |          |         |         |           |           |       |
| Chloride                              | 1220          |      | 16.0               | mg/kg      | 4        | 3060822 | AC      | 08-Jun-23 | 4500-Cl-B |       |
| <b>Volatile Organic Compounds</b>     | by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                              | 9.17          | ·    | 2.00               | mg/kg      | 2000     | 3060801 | MS      | 08-Jun-23 | 8021B     | ·     |
| Toluene*                              | 155           |      | 2.00               | mg/kg      | 2000     | 3060801 | MS      | 08-Jun-23 | 8021B     |       |
| Ethylbenzene*                         | 64.3          |      | 2.00               | mg/kg      | 2000     | 3060801 | MS      | 08-Jun-23 | 8021B     |       |
| Total Xylenes*                        | 252           |      | 6.00               | mg/kg      | 2000     | 3060801 | MS      | 08-Jun-23 | 8021B     |       |
| Total BTEX                            | 480           |      | 12.0               | mg/kg      | 2000     | 3060801 | MS      | 08-Jun-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (PID) | )             |      | 125 %              | 71.5       | -134     | 3060801 | MS      | 08-Jun-23 | 8021B     |       |
| Petroleum Hydrocarbons by C           | GC FID        |      |                    |            |          |         |         |           |           | S-04  |
| GRO C6-C10*                           | 3860          | •    | 10.0               | mg/kg      | 1        | 3060805 | MS      | 08-Jun-23 | 8015B     | •     |
| DRO >C10-C28*                         | 8820          |      | 10.0               | mg/kg      | 1        | 3060805 | MS      | 08-Jun-23 | 8015B     |       |
| EXT DRO >C28-C36                      | 1320          |      | 10.0               | mg/kg      | 1        | 3060805 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane             |               |      | 513 %              | 48.2       | -134     | 3060805 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane         |               |      | 280 %              | 49.1       | -148     | 3060805 | MS      | 08-Jun-23 | 8015B     |       |

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 aring 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 damage 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 sur 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. Keens



# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

V - 1 (1-1.5 ) H232922-02 (Soil)

| Analyte                               | Result        | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|---------------------------------------|---------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                       |               |      | Cardina            | ıl Laborat | tories   |         |         |           |           |       |
| Inorganic Compounds                   |               |      |                    |            |          |         |         |           |           |       |
| Chloride                              | 1520          |      | 16.0               | mg/kg      | 4        | 3060822 | AC      | 08-Jun-23 | 4500-Cl-B |       |
| Volatile Organic Compounds l          | by EPA Method | 8021 |                    |            |          |         |         |           |           | S-04  |
| Benzene*                              | 0.623         |      | 0.200              | mg/kg      | 200      | 3060801 | MS      | 08-Jun-23 | 8021B     |       |
| Toluene*                              | 14.1          |      | 0.200              | mg/kg      | 200      | 3060801 | MS      | 08-Jun-23 | 8021B     |       |
| Ethylbenzene*                         | 9.27          |      | 0.200              | mg/kg      | 200      | 3060801 | MS      | 08-Jun-23 | 8021B     |       |
| Total Xylenes*                        | 40.2          |      | 0.600              | mg/kg      | 200      | 3060801 | MS      | 08-Jun-23 | 8021B     |       |
| Total BTEX                            | 64.2          |      | 1.20               | mg/kg      | 200      | 3060801 | MS      | 08-Jun-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (PID) | )             |      | 159 %              | 71.5       | -134     | 3060801 | MS      | 08-Jun-23 | 8021B     |       |
| Petroleum Hydrocarbons by C           | GC FID        |      |                    |            |          |         |         |           |           | S-04  |
| GRO C6-C10*                           | 607           |      | 10.0               | mg/kg      | 1        | 3060805 | MS      | 08-Jun-23 | 8015B     |       |
| DRO >C10-C28*                         | 4030          |      | 10.0               | mg/kg      | 1        | 3060805 | MS      | 08-Jun-23 | 8015B     |       |
| EXT DRO >C28-C36                      | 689           |      | 10.0               | mg/kg      | 1        | 3060805 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane             |               |      | 140 %              | 48.2       | -134     | 3060805 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane         |               |      | 149 %              | 49.1       | -148     | 3060805 | MS      | 08-Jun-23 | 8015B     |       |

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 aring 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 damage 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 sur 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. Keine



## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

V - 1 (2-2.5 ) H232922-03 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardin             | al Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |            |          |         |         |           |           |       |
| Chloride                            | 448             |      | 16.0               | mg/kg      | 4        | 3060822 | AC      | 08-Jun-23 | 4500-Cl-B |       |
| Volatile Organic Compound           | s by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (P. | ID)             |      | 106 %              | 71.5       | -134     | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |            |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg      | 1        | 3060805 | MS      | 08-Jun-23 | 8015B     |       |
| DRO >C10-C28*                       | 38.4            |      | 10.0               | mg/kg      | 1        | 3060805 | MS      | 08-Jun-23 | 8015B     |       |
| EXT DRO >C28-C36                    | 12.0            |      | 10.0               | mg/kg      | 1        | 3060805 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 90.5 %             | 48.2       | -134     | 3060805 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 96.9 %             | 49.1       | -148     | 3060805 | MS      | 08-Jun-23 | 8015B     |       |

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 aring 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 damage 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 sur 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 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

V - 1 (3-3.5) H232922-04 (Soil)

| Analyte                              | Result        | MDL  | Reporting<br>Limit | Units     | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|--------------------------------------|---------------|------|--------------------|-----------|----------|---------|---------|-----------|-----------|-------|
|                                      |               |      | Cardina            | l Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                  |               |      |                    |           |          |         |         |           |           |       |
| Chloride                             | 192           |      | 16.0               | mg/kg     | 4        | 3060822 | AC      | 08-Jun-23 | 4500-Cl-B |       |
| <b>Volatile Organic Compounds</b>    | by EPA Method | 8021 |                    |           |          |         |         |           |           |       |
| Benzene*                             | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Toluene*                             | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Ethylbenzene*                        | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total Xylenes*                       | < 0.150       |      | 0.150              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total BTEX                           | < 0.300       |      | 0.300              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (PIL | ))            |      | 107 %              | 71.5      | -134     | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Petroleum Hydrocarbons by            | GC FID        |      |                    |           |          |         |         |           |           |       |
| GRO C6-C10*                          | <10.0         |      | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| DRO >C10-C28*                        | <10.0         |      | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| EXT DRO >C28-C36                     | <10.0         |      | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane            |               |      | 101 %              | 48.2      | -134     | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane        |               |      | 106 %              | 49.1      | -148     | 3060806 | MS      | 08-Jun-23 | 8015B     |       |

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 aring 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 damage 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 sur 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 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

V - 2 ( 0-1 ) H232922-05 (Soil)

| Analyte                              | Result        | MDL  | Reporting<br>Limit | Units     | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|--------------------------------------|---------------|------|--------------------|-----------|----------|---------|---------|-----------|-----------|-------|
|                                      |               |      | Cardina            | l Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                  |               |      |                    |           |          |         |         |           |           |       |
| Chloride                             | 10000         |      | 16.0               | mg/kg     | 4        | 3060822 | AC      | 08-Jun-23 | 4500-Cl-B |       |
| Volatile Organic Compounds           | by EPA Method | 8021 |                    |           |          |         |         |           |           |       |
| Benzene*                             | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Toluene*                             | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Ethylbenzene*                        | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total Xylenes*                       | < 0.150       |      | 0.150              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total BTEX                           | < 0.300       |      | 0.300              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (PIL | <b>)</b> )    |      | 112 %              | 71.5      | -134     | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Petroleum Hydrocarbons by (          | GC FID        |      |                    |           |          |         |         |           |           |       |
| GRO C6-C10*                          | <10.0         |      | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| DRO >C10-C28*                        | 627           |      | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| EXT DRO >C28-C36                     | 125           |      | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane            |               |      | 118 %              | 48.2      | -134     | 3060806 | MS      | 08-Jun-23 | 8015B     | ·     |
| Surrogate: 1-Chlorooctadecane        |               |      | 142 %              | 49.1      | -148     | 3060806 | MS      | 08-Jun-23 | 8015B     |       |

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 aring 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 damage 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 sur 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

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

V - 2 (1-1.5 ) H232922-06 (Soil)

| Analyte                            | Result          | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|------------------------------------|-----------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                    |                 |      | Cardin             | al Laborat | tories   |         |         |           |           |       |
| Inorganic Compounds                |                 |      |                    |            |          |         |         |           |           |       |
| Chloride                           | 960             |      | 16.0               | mg/kg      | 4        | 3060822 | AC      | 08-Jun-23 | 4500-Cl-B |       |
| Volatile Organic Compound          | s by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                           | < 0.050         |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Toluene*                           | < 0.050         |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Ethylbenzene*                      | < 0.050         |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total Xylenes*                     | < 0.150         |      | 0.150              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total BTEX                         | < 0.300         |      | 0.300              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (P | PID)            |      | 110 %              | 71.5       | -134     | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Petroleum Hydrocarbons by          | GC FID          |      |                    |            |          |         |         |           |           |       |
| GRO C6-C10*                        | <10.0           |      | 10.0               | mg/kg      | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| DRO >C10-C28*                      | 75.7            |      | 10.0               | mg/kg      | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| EXT DRO >C28-C36                   | 52.3            |      | 10.0               | mg/kg      | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane          |                 | -    | 109 %              | 48.2       | -134     | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane      |                 |      | 118 %              | 49.1       | -148     | 3060806 | MS      | 08-Jun-23 | 8015B     |       |

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 aring 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 damage 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 sur 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. Keine



# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

V - 2 (2-2.5 ) H232922-07 (Soil)

| Analyte                               | Result        | MDL  | Reporting<br>Limit | Units     | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|---------------------------------------|---------------|------|--------------------|-----------|----------|---------|---------|-----------|-----------|-------|
|                                       |               |      | Cardina            | l Laborat | tories   |         |         |           |           |       |
| Inorganic Compounds                   |               |      |                    |           |          |         |         |           |           |       |
| Chloride                              | 192           |      | 16.0               | mg/kg     | 4        | 3060822 | AC      | 08-Jun-23 | 4500-Cl-B |       |
| Volatile Organic Compounds            | by EPA Method | 8021 |                    |           |          |         |         |           |           |       |
| Benzene*                              | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Toluene*                              | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Ethylbenzene*                         | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total Xylenes*                        | < 0.150       |      | 0.150              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total BTEX                            | < 0.300       |      | 0.300              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (PID) | ))            |      | 111 %              | 71.5      | -134     | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Petroleum Hydrocarbons by C           | GC FID        |      |                    |           |          |         |         |           |           |       |
| GRO C6-C10*                           | <10.0         | ·    | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| DRO >C10-C28*                         | <10.0         |      | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| EXT DRO >C28-C36                      | <10.0         |      | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane             |               |      | 112 %              | 48.2      | -134     | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane         |               |      | 114 %              | 49.1      | -148     | 3060806 | MS      | 08-Jun-23 | 8015B     |       |

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 aring 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 damage 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 sur 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 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

# H - 1 H232922-08 (Soil)

| Analyte                             | Result        | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|---------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                     |               |      | Cardina            | ıl Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                 |               |      |                    |            |          |         |         |           |           |       |
| Chloride                            | 176           |      | 16.0               | mg/kg      | 4        | 3060822 | AC      | 08-Jun-23 | 4500-Cl-B |       |
| Volatile Organic Compounds          | by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                            | < 0.050       |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Toluene*                            | < 0.050       |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050       |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150       |      | 0.150              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total BTEX                          | < 0.300       |      | 0.300              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (Pl | D)            |      | 111 %              | 71.5       | -134     | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID        |      |                    |            |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0         |      | 10.0               | mg/kg      | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| DRO >C10-C28*                       | <10.0         |      | 10.0               | mg/kg      | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| EXT DRO >C28-C36                    | <10.0         |      | 10.0               | mg/kg      | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |               |      | 94.4 %             | 48.2       | -134     | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |               |      | 96.5 %             | 49.1       | -148     | 3060806 | MS      | 08-Jun-23 | 8015B     |       |

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 aring 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 damage 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 sur 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. Keens



# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

46 Reported: 09-Jun-23 16:55

Fax To:

# H - 2 H232922-09 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units     | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|-----------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardina            | l Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |           |          |         |         |           |           |       |
| Chloride                            | 352             |      | 16.0               | mg/kg     | 4        | 3060822 | AC      | 08-Jun-23 | 4500-Cl-B |       |
| Volatile Organic Compound           | s by EPA Method | 8021 |                    |           |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (Pi | (D)             |      | 110 %              | 71.5      | -134     | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |           |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| DRO >C10-C28*                       | <10.0           |      | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| EXT DRO >C28-C36                    | <10.0           |      | 10.0               | mg/kg     | 1        | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 117 %              | 48.2      | -134     | 3060806 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 125 %              | 49.1      | -148     | 3060806 | MS      | 08-Jun-23 | 8015B     |       |

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 aring 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 damage 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 sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keene

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

# H - 3 H232922-10 (Soil)

| Analyte                               | Result        | MDL  | Reporting<br>Limit | Units     | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|---------------------------------------|---------------|------|--------------------|-----------|----------|---------|---------|-----------|-----------|-------|
|                                       |               |      | Cardina            | l Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                   |               |      |                    |           |          |         |         |           |           |       |
| Chloride                              | 160           |      | 16.0               | mg/kg     | 4        | 3060822 | AC      | 08-Jun-23 | 4500-Cl-B |       |
| Volatile Organic Compounds            | by EPA Method | 8021 |                    |           |          |         |         |           |           |       |
| Benzene*                              | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Toluene*                              | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Ethylbenzene*                         | < 0.050       |      | 0.050              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total Xylenes*                        | < 0.150       |      | 0.150              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total BTEX                            | < 0.300       |      | 0.300              | mg/kg     | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (PID) | )             |      | 107 %              | 71.5      | -134     | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Petroleum Hydrocarbons by C           | GC FID        |      |                    |           |          |         |         |           |           |       |
| GRO C6-C10*                           | <10.0         |      | 10.0               | mg/kg     | 1        | 3060807 | MS      | 08-Jun-23 | 8015B     |       |
| DRO >C10-C28*                         | <10.0         |      | 10.0               | mg/kg     | 1        | 3060807 | MS      | 08-Jun-23 | 8015B     |       |
| EXT DRO >C28-C36                      | <10.0         |      | 10.0               | mg/kg     | 1        | 3060807 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane             |               |      | 90.5 %             | 48.2      | -134     | 3060807 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane         |               |      | 90.9 %             | 49.1      | -148     | 3060807 | MS      | 08-Jun-23 | 8015B     |       |

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 aring 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 damage 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 sur 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

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

Fax To:

# H - 4 H232922-11 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardin             | al Laborat | tories   |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |            |          |         |         |           |           |       |
| Chloride                            | 320             |      | 16.0               | mg/kg      | 4        | 3060822 | AC      | 08-Jun-23 | 4500-Cl-B |       |
| Volatile Organic Compound           | s by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg      | 50       | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (Pl | ID)             |      | 107 %              | 71.5       | -134     | 3060802 | JH/     | 08-Jun-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |            |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg      | 1        | 3060807 | MS      | 08-Jun-23 | 8015B     |       |
| DRO >C10-C28*                       | <10.0           |      | 10.0               | mg/kg      | 1        | 3060807 | MS      | 08-Jun-23 | 8015B     |       |
| EXT DRO >C28-C36                    | <10.0           |      | 10.0               | mg/kg      | 1        | 3060807 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 101 %              | 48.2       | -134     | 3060807 | MS      | 08-Jun-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 112 %              | 49.1       | -148     | 3060807 | MS      | 08-Jun-23 | 8015B     |       |

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 aring 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 damage 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 sur 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

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 09-Jun-23 16:55

# **Inorganic Compounds - Quality Control**

### **Cardinal Laboratories**

|                              |        | Reporting |       | Spike      | Source      |           | %REC   |      | RPD   |       |
|------------------------------|--------|-----------|-------|------------|-------------|-----------|--------|------|-------|-------|
| Analyte                      | Result | Limit     | Units | Level      | Result      | %REC      | Limits | RPD  | Limit | Notes |
| Batch 3060822 - 1:4 DI Water |        |           |       |            |             |           |        |      |       |       |
| Blank (3060822-BLK1)         |        |           |       | Prepared & | Analyzed:   | 08-Jun-23 |        |      |       |       |
| Chloride                     | ND     | 16.0      | mg/kg |            |             |           |        |      |       |       |
| LCS (3060822-BS1)            |        |           |       | Prepared & | z Analyzed: | 08-Jun-23 |        |      |       |       |
| Chloride                     | 416    | 16.0      | mg/kg | 400        |             | 104       | 80-120 |      |       |       |
| LCS Dup (3060822-BSD1)       |        |           |       | Prepared & | Analyzed:   | 08-Jun-23 |        |      |       |       |
| Chloride                     | 416    | 16.0      | mg/kg | 400        |             | 104       | 80-120 | 0.00 | 20    |       |

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 aring 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 damage 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 sur 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



%REC

Limits

RPD

# Analytical Results For:

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

Analyte

Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

RPD

Limit

Notes

Fax To:

# **Volatile Organic Compounds by EPA Method 8021 - Quality Control**

### **Cardinal Laboratories**

Units

Reporting

Limit

Result

Spike

Level

Source

Result

%REC

| Blank (3060801-BLK1)                  |        |       |       | Prepared & Analy | yzed: 08-Jun-23 |          |      |      |       |
|---------------------------------------|--------|-------|-------|------------------|-----------------|----------|------|------|-------|
| Benzene                               | ND     | 0.050 | mg/kg |                  |                 |          |      |      |       |
| Toluene                               | ND     | 0.050 | mg/kg |                  |                 |          |      |      |       |
| Ethylbenzene                          | ND     | 0.050 | mg/kg |                  |                 |          |      |      |       |
| Total Xylenes                         | ND     | 0.150 | mg/kg |                  |                 |          |      |      |       |
| Total BTEX                            | ND     | 0.300 | mg/kg |                  |                 |          |      |      |       |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0519 |       | mg/kg | 0.0500           | 104             | 71.5-134 |      |      |       |
| LCS (3060801-BS1)                     |        |       |       | Prepared & Analy | yzed: 08-Jun-23 |          |      |      |       |
| Benzene                               | 2.48   | 0.050 | mg/kg | 2.00             | 124             | 81.4-118 |      |      | BS-3  |
| Toluene                               | 2.46   | 0.050 | mg/kg | 2.00             | 123             | 88.7-121 |      |      | BS-3  |
| Ethylbenzene                          | 2.40   | 0.050 | mg/kg | 2.00             | 120             | 86.1-120 |      |      |       |
| m,p-Xylene                            | 4.93   | 0.100 | mg/kg | 4.00             | 123             | 88.2-124 |      |      |       |
| o-Xylene                              | 2.36   | 0.050 | mg/kg | 2.00             | 118             | 84.9-118 |      |      |       |
| Total Xylenes                         | 7.29   | 0.150 | mg/kg | 6.00             | 122             | 87.3-122 |      |      |       |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0487 |       | mg/kg | 0.0500           | 97.4            | 71.5-134 |      |      |       |
| LCS Dup (3060801-BSD1)                |        |       |       | Prepared & Analy | yzed: 08-Jun-23 |          |      |      |       |
| Benzene                               | 2.01   | 0.050 | mg/kg | 2.00             | 100             | 81.4-118 | 21.0 | 15.8 | QR-04 |
| Toluene                               | 1.99   | 0.050 | mg/kg | 2.00             | 99.7            | 88.7-121 | 20.9 | 15.9 | QR-04 |
| Ethylbenzene                          | 1.98   | 0.050 | mg/kg | 2.00             | 98.8            | 86.1-120 | 19.4 | 16   | QR-04 |
| m,p-Xylene                            | 4.13   | 0.100 | mg/kg | 4.00             | 103             | 88.2-124 | 17.8 | 16.2 | QR-04 |
| o-Xylene                              | 1.95   | 0.050 | mg/kg | 2.00             | 97.6            | 84.9-118 | 18.9 | 16.7 | QR-04 |
| Total Xylenes                         | 6.08   | 0.150 | mg/kg | 6.00             | 101             | 87.3-122 | 18.1 | 16.3 | QR-04 |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0509 |       | mg/kg | 0.0500           | 102             | 71.5-134 |      |      |       |

# Batch 3060802 - Volatiles

| Blank (3060802-BLK1) |    |       |       | Prepared & Analyzed: 08-Jun-23 |
|----------------------|----|-------|-------|--------------------------------|
| Benzene              | ND | 0.050 | mg/kg |                                |
| Toluene              | ND | 0.050 | mg/kg |                                |
| Ethylbenzene         | ND | 0.050 | mg/kg |                                |
| Total Xylenes        | ND | 0.150 | mg/kg |                                |

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 are 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 damage 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 succession are only 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

Celey D. Keene, Lab Director/Quality Manager



%REC

107

71.5-134

# **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

RPD

- -

Fax To:

# Volatile Organic Compounds by EPA Method 8021 - Quality Control

### **Cardinal Laboratories**

Reporting

0.0533

Spike

0.0500

Source

| Analyte                               | Result | Limit | Units | Level      | Result    | %REC      | Limits   | RPD  | Limit | Notes |
|---------------------------------------|--------|-------|-------|------------|-----------|-----------|----------|------|-------|-------|
| Batch 3060802 - Volatiles             |        |       |       |            |           |           |          |      |       |       |
| Blank (3060802-BLK1)                  |        |       |       | Prepared & | Analyzed: | 08-Jun-23 |          |      |       |       |
| Total BTEX                            | ND     | 0.300 | mg/kg |            |           |           |          |      |       |       |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0538 |       | mg/kg | 0.0500     |           | 108       | 71.5-134 |      |       |       |
| LCS (3060802-BS1)                     |        |       |       | Prepared & | Analyzed: | 08-Jun-23 |          |      |       |       |
| Benzene                               | 2.42   | 0.050 | mg/kg | 2.00       |           | 121       | 81.4-118 |      |       | BS-3  |
| Toluene                               | 2.45   | 0.050 | mg/kg | 2.00       |           | 122       | 88.7-121 |      |       | BS-3  |
| Ethylbenzene                          | 2.35   | 0.050 | mg/kg | 2.00       |           | 117       | 86.1-120 |      |       |       |
| m,p-Xylene                            | 4.93   | 0.100 | mg/kg | 4.00       |           | 123       | 88.2-124 |      |       |       |
| o-Xylene                              | 2.28   | 0.050 | mg/kg | 2.00       |           | 114       | 84.9-118 |      |       |       |
| Total Xylenes                         | 7.22   | 0.150 | mg/kg | 6.00       |           | 120       | 87.3-122 |      |       |       |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0513 |       | mg/kg | 0.0500     |           | 103       | 71.5-134 |      |       |       |
| LCS Dup (3060802-BSD1)                |        |       |       | Prepared & | Analyzed: | 08-Jun-23 |          |      |       |       |
| Benzene                               | 2.17   | 0.050 | mg/kg | 2.00       |           | 109       | 81.4-118 | 10.9 | 15.8  |       |
| Toluene                               | 2.16   | 0.050 | mg/kg | 2.00       |           | 108       | 88.7-121 | 12.2 | 15.9  |       |
| Ethylbenzene                          | 2.08   | 0.050 | mg/kg | 2.00       |           | 104       | 86.1-120 | 11.9 | 16    |       |
| m,p-Xylene                            | 4.41   | 0.100 | mg/kg | 4.00       |           | 110       | 88.2-124 | 11.2 | 16.2  |       |
| o-Xylene                              | 2.05   | 0.050 | mg/kg | 2.00       |           | 102       | 84.9-118 | 10.9 | 16.7  |       |
| Total Xylenes                         | 6.46   | 0.150 | mg/kg | 6.00       |           | 108       | 87.3-122 | 11.1 | 16.3  |       |

mg/kg

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 are 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 damage 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 successing is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine

Surrogate: 4-Bromofluorobenzene (PID)



%REC

Limits

RPD

# Analytical Results For:

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

Analyte

Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

RPD

Limit

Notes

Fax To:

# Petroleum Hydrocarbons by GC FID - Quality Control

### **Cardinal Laboratories**

Units

Reporting

Limit

Result

Spike

Level

Source

Result

%REC

| Blank (3060805-BLK1)          |      |      |       | Prepared & Anal | yzed: 08-Jun-23 |          |      |      |       |
|-------------------------------|------|------|-------|-----------------|-----------------|----------|------|------|-------|
| GRO C6-C10                    | ND   | 10.0 | mg/kg |                 |                 |          |      |      |       |
| DRO >C10-C28                  | ND   | 10.0 | mg/kg |                 |                 |          |      |      |       |
| EXT DRO >C28-C36              | ND   | 10.0 | mg/kg |                 |                 |          |      |      |       |
| Surrogate: 1-Chlorooctane     | 39.9 |      | mg/kg | 49.6            | 80.6            | 48.2-134 |      |      |       |
| Surrogate: 1-Chlorooctadecane | 41.3 |      | mg/kg | 50.0            | 82.6            | 49.1-148 |      |      |       |
| LCS (3060805-BS1)             |      |      |       | Prepared & Anal | yzed: 08-Jun-23 |          |      |      |       |
| GRO C6-C10                    | 205  | 10.0 | mg/kg | 200             | 103             | 78.5-124 |      |      |       |
| DRO >C10-C28                  | 205  | 10.0 | mg/kg | 200             | 103             | 72.5-126 |      |      |       |
| Total TPH C6-C28              | 411  | 10.0 | mg/kg | 400             | 103             | 77.6-123 |      |      |       |
| Surrogate: 1-Chlorooctane     | 53.6 |      | mg/kg | 49.6            | 108             | 48.2-134 |      |      |       |
| Surrogate: 1-Chlorooctadecane | 53.6 |      | mg/kg | 50.0            | 107             | 49.1-148 |      |      |       |
| LCS Dup (3060805-BSD1)        |      |      |       | Prepared & Anal | yzed: 08-Jun-23 |          |      |      |       |
| GRO C6-C10                    | 168  | 10.0 | mg/kg | 200             | 84.2            | 78.5-124 | 19.8 | 17.7 | QR-04 |
| DRO >C10-C28                  | 173  | 10.0 | mg/kg | 200             | 86.3            | 72.5-126 | 17.3 | 21   |       |
| Total TPH C6-C28              | 341  | 10.0 | mg/kg | 400             | 85.2            | 77.6-123 | 18.5 | 18.5 |       |
| Surrogate: 1-Chlorooctane     | 42.6 |      | mg/kg | 49.6            | 85.9            | 48.2-134 |      |      |       |
| Surrogate: 1-Chlorooctadecane | 42.5 |      | mg/kg | 50.0            | 85.1            | 49.1-148 |      |      |       |

### **Batch 3060806 - General Prep - Organics**

| Blank (3060806-BLK1)          |      |      |       | Prepared & Analyz | zed: 08-Jun-23 |          |
|-------------------------------|------|------|-------|-------------------|----------------|----------|
| GRO C6-C10                    | ND   | 10.0 | mg/kg |                   |                |          |
| DRO >C10-C28                  | ND   | 10.0 | mg/kg |                   |                |          |
| EXT DRO >C28-C36              | ND   | 10.0 | mg/kg |                   |                |          |
| Surrogate: 1-Chlorooctane     | 49.6 |      | mg/kg | 49.6              | 100            | 48.2-134 |
| Surrogate: 1-Chlorooctadecane | 51.6 |      | mg/kg | 50.0              | 103            | 49.1-148 |

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 are 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 damage 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 succession are only 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



%REC

# Analytical Results For:

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

Project: THISTLE 46 Project Number: 237334 Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

RPD

Fax To:

# Petroleum Hydrocarbons by GC FID - Quality Control

### **Cardinal Laboratories**

Spike

Source

Reporting

|  |        | Reporting |       | Spike      | Source      |           | /0KEC    |      | KFD   |       |
|--|--------|-----------|-------|------------|-------------|-----------|----------|------|-------|-------|
| Analyte                                | Result | Limit     | Units | Level      | Result      | %REC      | Limits   | RPD  | Limit | Notes |
| Batch 3060806 - General Prep - Organio | es     |           |       |            |             |           |          |      |       |       |
| LCS (3060806-BS1)                      |        |           |       | Prepared & | k Analyzed: | 08-Jun-23 |          |      |       |       |
| GRO C6-C10                             | 177    | 10.0      | mg/kg | 200        |             | 88.3      | 78.5-124 |      |       |       |
| DRO >C10-C28                           | 175    | 10.0      | mg/kg | 200        |             | 87.6      | 72.5-126 |      |       |       |
| Total TPH C6-C28                       | 352    | 10.0      | mg/kg | 400        |             | 88.0      | 77.6-123 |      |       |       |
| Surrogate: 1-Chlorooctane              | 52.9   |           | mg/kg | 49.6       |             | 107       | 48.2-134 |      |       |       |
| Surrogate: 1-Chlorooctadecane          | 52.2   |           | mg/kg | 50.0       |             | 104       | 49.1-148 |      |       |       |
| LCS Dup (3060806-BSD1)                 |        |           |       | Prepared & | k Analyzed: | 08-Jun-23 |          |      |       |       |
| GRO C6-C10                             | 185    | 10.0      | mg/kg | 200        |             | 92.5      | 78.5-124 | 4.58 | 17.7  |       |
| DRO >C10-C28                           | 185    | 10.0      | mg/kg | 200        |             | 92.5      | 72.5-126 | 5.37 | 21    |       |
| Total TPH C6-C28                       | 370    | 10.0      | mg/kg | 400        |             | 92.5      | 77.6-123 | 4.98 | 18.5  |       |
| Surrogate: 1-Chlorooctane              | 52.4   |           | mg/kg | 49.6       |             | 106       | 48.2-134 |      |       |       |
| Surrogate: 1-Chlorooctadecane          | 51.8   |           | mg/kg | 50.0       |             | 104       | 49.1-148 |      |       |       |
| Batch 3060807 - General Prep - Organic | es     |           |       |            |             |           |          |      |       |       |
| Blank (3060807-BLK1)                   |        |           |       | Prepared & | k Analyzed: | 08-Jun-23 |          |      |       |       |
| GRO C6-C10                             | ND     | 10.0      | mg/kg |            |             |           |          |      |       |       |
| DRO >C10-C28                           | ND     | 10.0      | mg/kg |            |             |           |          |      |       |       |
| EXT DRO >C28-C36                       | ND     | 10.0      | mg/kg |            |             |           |          |      |       |       |
| Surrogate: 1-Chlorooctane              | 48.0   |           | mg/kg | 49.6       |             | 96.8      | 48.2-134 |      |       |       |
| Surrogate: 1-Chlorooctadecane          | 52.8   |           | mg/kg | 50.0       |             | 106       | 49.1-148 |      |       |       |
| LCS (3060807-BS1)                      |        |           |       | Prepared & | & Analyzed: | 08-Jun-23 |          |      |       |       |
| GRO C6-C10                             | 190    | 10.0      | mg/kg | 200        |             | 95.2      | 78.5-124 |      |       |       |
| DRO >C10-C28                           | 177    | 10.0      | mg/kg | 200        |             | 88.6      | 72.5-126 |      |       |       |
| Total TPH C6-C28                       | 368    | 10.0      | mg/kg | 400        |             | 91.9      | 77.6-123 |      |       |       |
| Surrogate: 1-Chlorooctane              | 53.7   |           | mg/kg | 49.6       |             | 108       | 48.2-134 |      |       |       |
| Surrogate: 1-Chlorooctadecane          | 61.7   |           | mg/kg | 50.0       |             | 123       | 49.1-148 |      |       |       |

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 ar 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 damage 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 su 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

Celey D. Keene, Lab Director/Quality Manager



%REC

# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE 46
Project Number: 237334
Project Manager: ETHAN SESSUMS

Reported: 09-Jun-23 16:55

RPD

Fax To:

# Petroleum Hydrocarbons by GC FID - Quality Control

### **Cardinal Laboratories**

Reporting

Spike

Source

| Analyte                                 | Result | Limit | Units | Level      | Result      | %REC      | Limits   | RPD   | Limit | Notes |
|---|--------|-------|-------|------------|-------------|-----------|----------|-------|-------|-------|
| Batch 3060807 - General Prep - Organics |        |       |       |            |             |           |          |       |       |       |
| LCS Dup (3060807-BSD1)                  |        |       |       | Prepared & | k Analyzed: | 08-Jun-23 |          |       |       |       |
| GRO C6-C10                              | 191    | 10.0  | mg/kg | 200        |             | 95.4      | 78.5-124 | 0.208 | 17.7  |       |
| DPO >C10 C28                            | 174    | 10.0  | ma/ka | 200        |             | 87.2      | 72.5.126 | 1.61  | 21    |       |

| Les Dup (3000007-B3D1)        |      |      |       | 1 repared & 7 m | diyzed. 00 Jun 25 |          |       |      |  |
|-------------------------------|------|------|-------|-----------------|-------------------|----------|-------|------|--|
| GRO C6-C10                    | 191  | 10.0 | mg/kg | 200             | 95.4              | 78.5-124 | 0.208 | 17.7 |  |
| DRO >C10-C28                  | 174  | 10.0 | mg/kg | 200             | 87.2              | 72.5-126 | 1.61  | 21   |  |
| Total TPH C6-C28              | 365  | 10.0 | mg/kg | 400             | 91.3              | 77.6-123 | 0.667 | 18.5 |  |
| Surrogate: 1-Chlorooctane     | 52.5 |      | mg/kg | 49.6            | 106               | 48.2-134 |       |      |  |
| Surrogate: 1-Chlorooctadecane | 60.2 |      | mg/kg | 50.0            | 120               | 49.1-148 |       |      |  |
|                               |      |      |       |                 |                   |          |       |      |  |

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 ar 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 damage 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 claims 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



### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

QR-04 The RPD for the BS/BSD was outside of historical limits.

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.

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

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar 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 damage 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 sur 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. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 20 of 22

# Chain of Custody





City, State ZIP: Address: Company Name:

NTG Environmental

254-266-5456

Carlsbad, NM 88220 402 E Wood Ave

City, State ZIP:

Artesia, NM 88210 6488 Seven Rivers Highway

Reporting:Level III Level III PST/UST

RRP

☐ Level IV ☐

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

Work Order Comments

으

Company Name: Bill to: (if different)

Devon Energy Wesley Mathews

|                     |                 |                            |                                    |                            |                |                                     | _                     | _   |                     |                          |                       | _         | N.          | W           | 1           | 5         | 6,          | 7           | S        | 7        |          |  | 002  |                              | - 1         | 1 | 0  |
|---------------------|-----------------|----------------------------|------------------------------------|----------------------------|----------------|-------------------------------------|-----------------------|---|---------------------|--------------------------|-----------------------|-----------|-------------|-------------|-------------|-----------|-------------|-------------|----------|----------|----------|--|--|------------------------------|-------------|---|----|
| Project Name:       | Project Number: | Project Location           | Sampler's Name:                    | PO#:                       | SAMPLE RECEIPT | Received Intact:                    | Cooler Custody Seals: | Sample Custody Seals:   | Total Containers:   | i ciai containeis.       | Sample Identification | V-1 (0-1) | V-1 (1-1.5) | V-1 (2-2.5) | V-1 (3-3.5) | V-2 (0-1) | V-2 (1-1.5) | V-2 (2-2.5) | 포        | H-2      | H-3      | Additional Co  | Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assion 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 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. | Relinquished by: (Signature) |             |   |    |
| Thistle 22 CTB 2-40 | 237334          | Lea Co. NM                 | Jordan Tyner                       |                            | Temp Blank:    | Yes No                              | Yes No (N/A)          | Yes No (N/A)  | 11                  | 11                       | on Date               | 6/7/2023  | 6/7/2023    | 6/7/2023    | 6/7/2023    | 6/7/2023  | 6/7/2023    | 6/7/2023    | 6/7/2023 | 6/7/2023 | 6/7/2023 | Additional Comments: 6/8/23-Name changed by custome  | and relinquishment of sam<br>of for the cost of samples and<br>5.00 will be applied to each  | iture)                       | 7 11        | 1 |    |
| 246                 |                 |                            |                                    |                            | Yes Mo         |                                     | Correction Factor.    | Temperat  | Corrected           | Corrected                | Time                  |           |             |             |             |           |             |             |          |          |          | 3-Nan  | ples constitute<br>id shall not ass<br>project and a c   | Received by:                 | CHON        |   |    |
| Tu                  | Routine         | Due Date:                  | TAT starts th                      | lab, if re                 | Wet Ice:       | eter ID:                            | n Factor:             | Temperature Reading:  | Tomporatura         | Corrected Temperature    | Soil                  | ×         | ×           | ×           | ×           | ×         | ×           | ×           | ×        | ×        | ×        | re cha   | es a valid purcha<br>ume any respon<br>charge of \$5 for   | by: (Signature)              | alla        | ( |    |
| Turn Around         | √ Rush          | 24hr                       | TAT starts the day received by the | lab, if received by 4:30pm | M'es)          | 111                                 | 5                     | Cu  | 2                   | ans                      | Water                 |           |             |             |             |           |             |             | 0        | 0        |          | nged   | ise order from c<br>isibility for any l<br>each sample su  | 1 /                          | MA MAIN     |   | •  |
|                     |                 | =                          | by the                             | m                          | No             | 3                                   | 10:                   | 0.  | 9                   | c                        | Grab/<br>Comp         | Grab/     | Grab/       | Grab/       | Grab/       | Grab/     | Grab/       | Grab/       | Grab/    | Grab/    | Grab/    | by l   | lient compa<br>losses or ex<br>bmitted to  | )                            | 4           |   |    |
| Pres.               | Code            |                            |                                    | S                          | eter           | ram                                 | Pa                    |   |                     |                          | # of<br>Cont          | -         | _           | _           | _           | _         | _           | -           | _        | 1        | _        | ust  | iny to Xeno<br>(penses in<br>Kenco, but  | Dat                          | 1-7-23      |   |    |
|                     |                 | +                          | 201                                | + MI                       |                | 021                                 | _                     | -   | 15                  | H 801                    | TPI                   | ×         | ×           | ×           | ×           | +         | ×           | 1           | ×        | ×        | ×        | MA   | o, its affili<br>curred by t<br>not analyz   | Date/Time                    | 3           |   |    |
| 1                   |                 | +                          | .0)                                |                            | -              | -                                   | _                     | Chle  | -                   |                          |                       | ×         | ×           | ×           | ×           | +         | +           | +           | -        | ×        | ×        | J. No  | iates and the client i   |                              | H           |   | O) |
| ANALYSIS REQUEST    |                 |                            |                                    |                            |                |                                     |                       |   |                     |                          |                       |           |             |             |             |           |             |             |          |          |          | THE STATE OF THE S |  | Relinquished by: (Signature) |             |   |    |
| UEST                |                 |                            |                                    |                            |                |                                     |                       |   | _                   |                          |                       |           |             |             |             |           |             |             |          |          |          |  | igns standard terms and conditions to circumstances beyond the control dunless previously negotiated.  | Received by: (Signature)     |             |   |    |
|                     |                 |                            |                                    |                            |                | _                                   | OLI                   | _   | 21                  | z                        |                       |           | 1           | -           | +           | +         | +           | +           | +        | +        | +        | -   -  |  | nature)                      | (Jointo)    |   |    |
| Prese               |                 | None: NO                   | Cool: Cool                         | HCL: HC                    | H2S04: H2      | H <sub>3</sub> PO <sub>4</sub> ; HP | Nahso4: NABIS         | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; NaSO <sub>3</sub> | Zn Acetate+NaOH: Zn | aOH+Ascor                | Sampl                 |           |             |             |             |           |             |             |          |          |          |  |  |                              |             |   | +  |
| Preservative Codes  | Survey Codes    | DI Water: H <sub>2</sub> O | меон: ме                           | HNO3: HN                   | NaOH: Na       |                                     | BIS                   | 1503  | NaOH: Zn            | NaOH+Ascorbic Acid: SAPC | Sample Comments       |           |             |             |             |           |             |             |          |          |          |  |  | Date/Time                    | Date/ IIIIe |   |    |

City, State ZIP:

Carlsbad, NM 88220 402 E Wood Ave NTG Environmental

Company Name: Project Manager

Company Name Bill to: (if different)

Devon Energy Wesley Mathews

City, State ZIP:

Artesia, NM 88210 6488 Seven Rivers Highway

Reporting:Level II Level III PST/UST TRRP

☐ Level IV ☐

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

**Work Order Comments** 

of

Ethan Sessums

# Chain of Custody





| Phone: 25   | 254-266-5456   |   |  | Email:  | Email: Wesley.Mathews@dvn.com                              | hews@dv  | n.com                              |                                       |  |                      |                    |                     | L                        | Deliv   | Deliverables: EDD [            | s: ED              |                         |       | ADal  | ADaPT |                     | Other:  |                          |         |
|---|--|---|--|---|--|--|------------------------------------|---------------------------------------|--|----------------------|--------------------|---------------------|--------------------------|---------|--------------------------------|--------------------|-------------------------|-------|-------|-------|---------------------|---------|--------------------------|---------|
| Project Name:   | Thist  | Thistle 22 CTB 2  |  | Turn  | Turn Around  |  |                                    |                                       |  |                      | A                  | ANALY               | YSIS REQUEST             | QUES    | 7                              |                    |                         |       |       |       | Prese               | rvativ  | Preservative Codes       | Se      |
| Project Number:   | N  | 237334  |  | Routine   | ✓ Rush   | Code   | 0 T                                |                                       |  |                      |                    |                     | -                        |         |                                |                    |                         |       |       | Non   | None: NO            |         | DI Water H-O             | H       |
| Project Location  | Lea  | Lea Co. NM  |  | Due Date:   | 24hr   |  |                                    |                                       |  |                      | 4                  | 4                   | -                        |         | 1                              | 1                  |                         |       |       | 3     | Cool: Cool          |         | HOW.                     | 5       |
| Sampler's Name:   | Jorg   | Jordan Tyner  |  | TAT starts the  | TAT starts the day received by the                         | The I  |                                    | RO)                                   |  |                      | _                  | _                   | _                        |         |                                | _                  |                         |       |       | 5 8   | HCI - HC            |         | HNO - HN                 | NIC VIC |
| PO#:  |  |   |  | lab, if recei   | lab, if received by 4:30pm                                 |  |                                    | + MI                                  |  |                      | _                  | _                   |                          | _       | _                              |                    |                         |       |       | HS    | H-SO. H             |         | NaOH: Na                 | 5 2     |
| SAMPLE RECEIPT  | Temp   | Temp Blank:   | Yes No   | Wet Ice:  | Yes No   | eter   | В                                  | ORO                                   | 00                                       |                      | _                  | _                   | _                        |         |                                |                    |                         |       |       | H.B.  | H.PO. HP            |         | 1001                     | Ó       |
| Received Intact:  | Yes  |   | -  | ter ID:   | 1155   | ram  | 1021                               | ) + [                                 | e 45                                     | _                    |                    | _                   | _                        |         |                                | _                  |                         |       | D     | Mal   | NaHSO : NARIS       | V DIC   |                          |         |
| Cooler Custody Seals:   | Yes I  | NIA   | Correction Factor                                | Factor:   | 0.6  | Pa   | EX 8                               | GRO                                   | orid                                     |                      | _                  | _                   | _                        |         | 1                              |                    |                         |       | HOL   | No C  | Na.S.O. NaSO        | 200     |                          |         |
| Sample Custody Seals:   |  | AVA   | Temperatu  | Temperature Reading:  | 00   | 1  | ВТ                                 | М (                                   | Chl                                      |                      | _                  | _                   |                          |         |                                |                    |                         |       |       | 700   | Zn Acetate+NaOH: Zn | Noon S  | 70                       |         |
| Total Containers:   |  | (   | Corrected  | Corrected Temperature:  | 2.6  | 9  | _                                  | 8015                                  |  |                      | _                  | _                   | _                        |         |                                |                    |                         |       |       | Nao   | H+Asco              | orbic A | NaOH+Ascorbic Acid: SAPC | õ       |
| Sample Identification   | ation  | Date  | Time   | Soil  | Water Comp   | ab/ # of<br>mp Cont                              |                                    | ТРН                                   |  |                      | 1                  |                     | -                        |         |                                |                    |                         |       |       |       | Samp                | le Co   | Sample Comments          | S       |
| H.4   |  | 6/7/2023  |  | ×   | Grab/  | ab/ 1  | ×                                  | ×                                     | ×  | 4                    | +                  | +                   | +                        |         |                                |                    |                         | 1     | 1     |       |                     |         |                          |         |
|   |  |   |  |   |  |  | +                                  |                                       |  | 1                    | +                  | +                   | +                        |         |                                |                    |                         | 7     |       |       |                     |         |                          |         |
|   |  |   |  |   |  |  | +                                  | Ħ                                     |  |                      | $\mathbb{H}$       | $\mathbb{H}$        | H                        | Ħ       | П                              | П                  | П                       |       | П     |       |                     |         |                          |         |
|   |  |   |  |   | 1  | +  | +                                  | 1                                     | I  | 4                    | +                  | +                   | +                        | +       | $\top$                         |                    |                         |       |       | 1     |                     |         |                          |         |
|   |  |   |  |   |  |  |                                    |                                       |  |                      | Н                  | Н                   | Н                        |         |                                |                    |                         |       |       |       |                     |         |                          |         |
|   |  |   |  |   |  |  | +                                  |                                       |  | +                    | -                  | +                   | +                        |         |                                |                    |                         |       |       |       |                     |         |                          |         |
|   |  |   |  |   | -  | F  | H                                  | r                                     |  | L                    | -                  | -                   | -                        |         |                                |                    |                         |       |       |       |                     |         |                          |         |
| Additional  | Additional Comments:   |   |  |   |  |  |                                    |                                       |  |                      | ļ                  | ı                   |                          |         |                                | 1                  | 1                       |       |       |       |                     |         |                          |         |
| 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. | ment and relinqui<br>e only for the cost<br>of \$85.00 will be a | shment of sample<br>of samples and a<br>pplied to each pr | es constitute<br>shall not ass<br>roject and a c | s a valid purchase<br>ume any responsi<br>harge of \$5 for ea | order from clien<br>bility for any loss<br>ch sample submi | it company to<br>ses or expens<br>itted to Xenco | o Xenco,<br>ses incur<br>o, but no | its affilia<br>red by th<br>t analyze | ites and si<br>he client if<br>ed. These | such los<br>terms wi | ses are<br>be enfo | assign:<br>due to c | s standard<br>sircumstan | terms a | and con<br>ond the<br>egotiate | ditions<br>control |                         |       |       |       |                     |         |                          |         |
| Relinquished by: (Signature)  | ignature)  | 1   | Received   | Received by: (Signature                                       | 1 10   |  | Date                               | Date/Time                             |  | Relin                | Relinquished by    | d by:               | y: (Signature)           | ure)    | 3                              | Rece               | Received by: (Signature | y: (S | gnatu | re)   |                     | Da      | Date/Time                |         |
|   | 7  | 11011   | DHO  | WHA   | MAN TO THE   | 6.   | 7.5                                | 2                                     | H  |                      |                    |                     |                          |         |                                |                    |                         |       |       |       | -                   |         |                          |         |
|   |  | (   |  | (   | 1  |  |                                    | ,                                     | 4  |                      |                    |                     |                          |         |                                |                    |                         |       |       |       |                     |         |                          |         |
|   |  |   |  |   |  |  |                                    |                                       | o  |                      |                    |                     |                          |         |                                |                    |                         |       |       |       |                     |         |                          |         |
|   |  |   |  |   |  |  |                                    |                                       |  |                      |                    |                     |                          |         |                                |                    |                         |       |       |       | -                   |         | -                        |         |

| ×   |
|-----|
| ᆽ   |
| 9   |
| der |
| N   |
| Ü   |
| 7   |
| 10  |
| in  |
| 0,  |
| 2   |
| D   |
| 0   |

Page 22 of 22

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: Thistle Unit #46H

Work Order: E308234

Job Number: 01058-0007

Received: 9/1/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 9/5/23

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: 9/5/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: Thistle Unit #46H

Workorder: E308234

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: Thistle Unit #46H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #46H 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**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

West Texas Midland/Odessa Area Rayny Hagan

Technical Representative Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

# **Table of Contents**

| Title Page        | 1  |
|-------------------|----|
| Cover Page        | 2  |
| Table of Contents | 3  |
| Sample Summary    | 5  |
| Sample Data       | 6  |
| CS-66             | 6  |
| CS-81             | 7  |
| CS-82             | 8  |
| CS-83             | 9  |
| CS-84             | 10 |
| CS-85             | 11 |
| CS-86             | 12 |
| CS-87             | 13 |
| CS-88             | 14 |
| CS-89             | 15 |
| CS-90             | 16 |
| CS-91             | 17 |
| CS-92             | 18 |
| CS-93             | 19 |
| CS-94             | 20 |
| CS-95             | 21 |
| CS-96             | 22 |
| CS-97             | 23 |
| CS-98             | 24 |
| CS-99             | 25 |

# Table of Contents (continued)

| CS-100  | 26 |
|---|----|
| CS-101  | 27 |
| CS-102  | 28 |
| CS-103  | 29 |
| CS-104  | 30 |
| CS-105  | 31 |
| CS-106  | 32 |
| SW-1B   | 33 |
| SW-7B   | 34 |
| SW-13B  | 35 |
| SW-15B  | 36 |
| SW-16B  | 37 |
| SW-17B  | 38 |
| SW-18B  | 39 |
| SW-20B  | 40 |
| SW-42   | 41 |
| SW-47   | 42 |
| SW-48   | 43 |
| QC Summary Data                                     | 44 |
| QC - Volatile Organic Compounds by EPA 8260B        | 44 |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 46 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 48 |
| QC - Anions by EPA 300.0/9056A                      | 50 |
| Definitions and Notes                               | 52 |
| Chain of Custody etc.                               | 53 |

# Sample Summary

| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H | Reported:      |
|-----------------------------------|------------------|-------------------|----------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:      |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 09/05/23 15:00 |

| Client Sample ID | Lab Sample ID Ma | rix Samp | oled Received | Container       |
|------------------|------------------|----------|---------------|-----------------|
| CS-66            | E308234-01A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-81            | E308234-02A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-82            | E308234-03A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-83            | E308234-04A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-84            | E308234-05A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-85            | E308234-06A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-86            | E308234-07A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-87            | E308234-08A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-88            | E308234-09A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-89            | E308234-10A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-90            | E308234-11A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-91            | E308234-12A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-92            | E308234-13A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-93            | E308234-14A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-94            | E308234-15A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-95            | E308234-16A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-96            | E308234-17A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| S-97             | E308234-18A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| S-98             | E308234-19A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| S-99             | E308234-20A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| S-100            | E308234-21A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| S-101            | E308234-22A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| S-102            | E308234-23A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| S-103            | E308234-24A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| S-104            | E308234-25A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| S-105            | E308234-26A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| CS-106           | E308234-27A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| W-1B             | E308234-28A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| W-7B             | E308234-29A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| SW-13B           | E308234-30A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| SW-15B           | E308234-31A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| W-16B            | E308234-32A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| W-17B            | E308234-33A So   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| SW-18B           | E308234-34A Sc   | il 08/3  | 0/23 09/01/23 | Glass Jar, 2 oz |
| SW-20B           | E308234-35A So   |          | 0/23 09/01/23 | Glass Jar, 2 oz |
| SW-42            | E308234-36A So   |          | 0/23 09/01/23 | Glass Jar, 2 oz |
| SW-47            | E308234-37A So   |          | 0/23 09/01/23 | Glass Jar, 2 oz |
|                  |                  |          |               |                 |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-66**

|             | 200020.01                                       |  |  |   |  |   |  |  |  |
|-------------|---|--|--|---|--|---|--|--|--|
| Reporting   |   |  |  |   |  |   |  |  |  |
| Result      | Limit   | Di   | lution   | Prepared  | Analyzed   | Notes   |  |  |  |
| mg/kg       | mg/kg   |  | Analyst:   | RKS   |  | Batch: 2335081  |  |  |  |
| ND          | 0.0250  |  | 1  | 09/01/23  | 09/01/23   |   |  |  |  |
| ND          | 0.0250  |  | 1  | 09/01/23  | 09/01/23   |   |  |  |  |
| ND          | 0.0250  |  | 1  | 09/01/23  | 09/01/23   |   |  |  |  |
| ND          | 0.0250  |  | 1  | 09/01/23  | 09/01/23   |   |  |  |  |
| ND          | 0.0500  |  | 1  | 09/01/23  | 09/01/23   |   |  |  |  |
| ND          | 0.0250  |  | 1  | 09/01/23  | 09/01/23   |   |  |  |  |
|             | 106 %   | 70-130   |  | 09/01/23  | 09/01/23   |   |  |  |  |
|             | 93.5 %  | 70-130   |  | 09/01/23  | 09/01/23   |   |  |  |  |
|             | 107 %   | 70-130   |  | 09/01/23  | 09/01/23   |   |  |  |  |
| mg/kg       | mg/kg   |  | Analyst:   | RKS   |  | Batch: 2335081  |  |  |  |
| ND          | 20.0  |  | 1  | 09/01/23  | 09/01/23   |   |  |  |  |
|             | 106 %   | 70-130   |  | 09/01/23  | 09/01/23   |   |  |  |  |
|             | 93.5 %  | 70-130   |  | 09/01/23  | 09/01/23   |   |  |  |  |
|             | 107 %   | 70-130   |  | 09/01/23  | 09/01/23   |   |  |  |  |
| mg/kg       | mg/kg   |  | Analyst:   | JL  |  | Batch: 2335097  |  |  |  |
|             |   |  | 1  | 00/01/22  | 00/01/22   |   |  |  |  |
| 218         | 25.0  |  | 1  | 09/01/23  | 09/01/23   |   |  |  |  |
| 218<br>87.3 | 25.0<br>50.0                                    |  | 1  | 09/01/23  | 09/01/23   |   |  |  |  |
|             |   | 50-200   | 1  |   |  |   |  |  |  |
|             | 50.0  | 50-200   | 1<br>1<br>Analyst:   | 09/01/23  | 09/01/23   | Batch: 2335088  |  |  |  |
|             | mg/kg ND MD ND Mg/kg | Result         Limit           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IO6 %         93.5 %           IO7 %         mg/kg           MD         20.0           IO6 %         93.5 %           IO7 %         IO7 %           mg/kg         mg/kg | Result         Limit         Di           mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           IO6 %         70-130           93.5 %         70-130           mg/kg         mg/kg           ND         20.0           106 %         70-130           93.5 %         70-130           107 %         70-130           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         0.0250         1           106%         70-130         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           106%         70-130         70-130           93.5%         70-130         107%           70-130         70-130         107%           mg/kg         mg/kg         Analyst: | Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           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           93.5 %         70-130         09/01/23           93.5 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         09/01/23           93.5 %         70-130         09/01/23           93.5 %         70-130         09/01/23           93.5 %         70-130         09/01/23           107 %         70-130         09/01/23           107 %         70-130         09/01/23 | Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         09/01/23         09/01/23           ND         0.0500         1         09/01/23         09/01/23           ND         0.0250         1         09/01/23         09/01/23           ND         0.0250         1         09/01/23         09/01/23           93.5 %         70-130         09/01/23         09/01/23           93.5 %         70-130         09/01/23         09/01/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         09/01/23         09/01/23           93.5 %         70-130         09/01/23         09/01/23           93.5 %         70-130         09/01/23         09/01/23           107 %         70-130         09/01/23         09/01/23           107 %         70 |  |  |  |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-81**

|  |        | Reporting |        |            |          |          |                |
|--|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte  | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: I | RKS      |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    | 1      | l          | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | l          | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    | 1      | l          | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | l          | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | l          | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | l          | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 105 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 93.2 %    | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | -      | Analyst: I | RKS      |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 1          | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 105 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 93.2 %    | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: J | πL       |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | 26.3   | 25.0      | 1      |            | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      | 1          | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            | ·      | 88.1 %    | 50-200 |            | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: I | ВА       |          | Batch: 2335088 |
|  |        |           |        |            | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-82**

|  |        | 200020:00 |        |          |          |          |                |
|--|--------|-----------|--------|----------|----------|----------|----------------|
|  |        | Reporting |        |          |          |          |                |
| Analyte  | Result | Limit     | Di     | lution   | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | : RKS    |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 105 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 93.9 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | : RKS    |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 105 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 93.9 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst  | : JL     |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | 28.7   | 25.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 87.0 %    | 50-200 |          | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | : BA     |          | Batch: 2335088 |
| Chloride                                       | 183    | 20.0      |        | 1        | 08/31/23 | 09/01/23 |                |
|  |        |           |        |          |          |          |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-83**

|  |        | Reporting |        |             |          |          |                |
|--|--------|-----------|--------|-------------|----------|----------|----------------|
| Analyte  | Result | Limit     | Dilut  | tion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     | 1      | Analyst: RK | S        |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    | 1      |             | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |             | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    | 1      |             | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |             | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |             | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | ļ           | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.0 %    | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | 1      | Analyst: RK | S        |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | ļ           | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.0 %    | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | 1      | Analyst: JL |          |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |             | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      | [           | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 88.9 %    | 50-200 |             | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: BA |          |          | Batch: 2335088 |
| Allons by EPA 500.0/9050A                      | 2 2    | <u> </u>  |        |             |          |          |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-84**

|  |        | Reporting |        |          |          |          |                |
|--|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte  | Result | Limit     | Dilı   | ution    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 92.9 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 106 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 92.9 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 106 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | 32.2   | 25.0      |        | 1        | 09/01/23 | 09/01/23 | _              |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 84.2 %    | 50-200 |          | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | BA       |          | Batch: 2335088 |
|  |        | 20.0      |        |          | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-85**

|  |        | Reporting |        |            |          |          |                |
|--|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte  | Result | Limit     | Dilu   | tion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: R | RKS      |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    | 1      |            | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      |            | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    | 1      |            | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      |            | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      |            | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | Į.         | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.6 %    | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 108 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | ٠      | Analyst: R | RKS      |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      |            | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.6 %    | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 108 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: J | L        |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |            | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      | l          | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 85.0 %    | 50-200 |            | 09/01/23 | 09/01/23 |                |
|  |        |           |        | Analyst: B | ) A      |          | Batch: 2335088 |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Anaryst: b | DA .     |          | Batch: 2333066 |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-86**

|  |        | Reporting |        |          |          |          |                |
|--|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte  | Result | Limit     | Dilu   | ıtion    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 106 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.4 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 106 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.4 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 84.1 %    | 50-200 |          | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | BA       |          | Batch: 2335088 |
|  |        |           |        |          |          |          |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-87**

|  |        | Reporting |        |          |          |          |                |
|--|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte  | Result | Limit     | Dilu   | ıtion    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    | 1      | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 106 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.9 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 106 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 99.9 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | Л        |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | 25.4   | 25.0      | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 87.9 %    | 50-200 |          | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | BA       |          | Batch: 2335088 |
| Chloride                                       | 208    | 20.0      | 1      |          | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-88**

|  |        | Reporting |        |            |          |          |                |
|--|--------|-----------|--------|------------|----------|----------|----------------|
| Analyte  | Result | Limit     | Dilu   | ition      | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst:   | RKS      |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    | 1      | l          | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1      | l          | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    | 1      | l          | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    | 1      | l          | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1      | l          | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1      | l          | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 103 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.8 %    | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | -      | Analyst:   | RKS      |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1      | <u> </u>   | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 103 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.8 %    | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 105 %     | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: . | JL       |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1      |            | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1      | l          | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 88.4 %    | 50-200 |            | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst:   | BA       |          | Batch: 2335088 |
|  | 169    | 20.0      |        |            | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-89**

|  |        | E308234-10 |        |          |          |          |                |
|--|--------|------------|--------|----------|----------|----------|----------------|
|  |        | Reporting  |        |          |          |          |                |
| Analyte  | Result | Limit      | Dilı   | ıtion    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg      |        | Analyst: | RKS      |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250     |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250     |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250     |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250     |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500     |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250     | :      | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 103 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.8 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg      |        | Analyst: | RKS      |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0       |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 103 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.8 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg      |        | Analyst: | JL       |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | 26.5   | 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                            |        | 87.9 %     | 50-200 |          | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg      |        | Analyst: | BA       |          | Batch: 2335088 |
| Chloride                                       | 201    | 20.0       |        | 1        | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-90**

|  |        | Reporting |        |          |          |          |                |
|--|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte  | Result | Limit     | Dilu   | ution    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    | Ī      | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 93.3 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 93.3 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | 27.6   | 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                            |        | 86.4 %    | 50-200 |          | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | BA       |          | Batch: 2335088 |
|  |        |           |        |          |          |          |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-91**

|  |        | Reporting   |        |              |          |          |                |
|--|--------|-------------|--------|--------------|----------|----------|----------------|
| Analyte  | Result | Limit       | Dilı   | ıtion        | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | ng/kg mg/kg |        | Analyst: RKS |          |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250      |        | 1            | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250      |        | 1            | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250      |        | 1            | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250      |        | 1            | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500      |        | 1            | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250      |        | 1            | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 103 %       | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.1 %      | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %       | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg mg/kg |        | Analyst: RKS |          |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0        |        | 1            | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 103 %       | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.1 %      | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %       | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg       |        | Analyst:     | JL       |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | 27.7   | 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                            |        | 89.2 %      | 50-200 |              | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg       |        | Analyst:     | BA       |          | Batch: 2335088 |
|  |        |             |        |              |          | 09/01/23 | ·              |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-92**

|  |             | 200020:10          |        |              |          |           |                |
|--|-------------|--------------------|--------|--------------|----------|-----------|----------------|
| Analyta  | Result      | Reporting<br>Limit |        | ution        | Duomonod | Amalyzzad | Notes          |
| Analyte  | Kesuit      | Limit              | Dil    | ution        | Prepared | Analyzed  | notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg       | mg/kg mg/kg        |        | Analyst: RKS |          |           | Batch: 2335081 |
| Benzene  | ND          | 0.0250             |        | 1            | 09/01/23 | 09/01/23  |                |
| Ethylbenzene                                   | ND          | 0.0250             |        | 1            | 09/01/23 | 09/01/23  |                |
| Toluene  | ND          | 0.0250             |        | 1            | 09/01/23 | 09/01/23  |                |
| o-Xylene                                       | ND          | 0.0250             |        | 1            | 09/01/23 | 09/01/23  |                |
| p,m-Xylene                                     | ND          | 0.0500             |        | 1            | 09/01/23 | 09/01/23  |                |
| Total Xylenes                                  | ND          | 0.0250             |        | 1            | 09/01/23 | 09/01/23  |                |
| Surrogate: Bromofluorobenzene                  |             | 103 %              | 70-130 |              | 09/01/23 | 09/01/23  |                |
| Surrogate: 1,2-Dichloroethane-d4               |             | 96.2 %             | 70-130 |              | 09/01/23 | 09/01/23  |                |
| Surrogate: Toluene-d8                          |             | 107 %              | 70-130 |              | 09/01/23 | 09/01/23  |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg mg/kg |                    |        | Analyst: RKS |          |           | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND          | 20.0               |        | 1            | 09/01/23 | 09/01/23  |                |
| Surrogate: Bromofluorobenzene                  |             | 103 %              | 70-130 |              | 09/01/23 | 09/01/23  |                |
| Surrogate: 1,2-Dichloroethane-d4               |             | 96.2 %             | 70-130 |              | 09/01/23 | 09/01/23  |                |
| Surrogate: Toluene-d8                          |             | 107 %              | 70-130 |              | 09/01/23 | 09/01/23  |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg       | mg/kg              |        | Analyst:     | JL       |           | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | 26.4        | 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                            |             | 88.4 %             | 50-200 |              | 09/01/23 | 09/02/23  |                |
| Anions by EPA 300.0/9056A                      | mg/kg       | mg/kg              |        | Analyst:     | BA       |           | Batch: 2335088 |
| Chloride                                       | 192         | 20.0               |        | 1            | 08/31/23 | 09/01/23  |                |
| Chloride                                       | 192         | 20.0               |        | 1            | 06/31/23 | 09/01/23  |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

# **CS-93**

|  |        | Reporting   |        |              |          |          |                |
|--|--------|-------------|--------|--------------|----------|----------|----------------|
| Analyte  | Result | Limit       | Dilu   | tion         | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg mg/kg |        | Analyst: RKS |          |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250      | 1      | [            | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250      | 1      | 1            | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250      | 1      | 1 09/01      |          | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250      | 1      | 1            | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500      | 1      | l            | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250      | 1      | l            | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 106 %       | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.3 %      | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %       | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg mg/kg |        | Analyst: RKS |          |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0        | 1      | l            | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 106 %       | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.3 %      | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %       | 70-130 |              | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg       |        | Analyst: J   | ıl       |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | 30.0   | 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                            |        | 88.3 %      | 50-200 |              | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg       |        | Analyst: I   | BA       |          | Batch: 2335088 |
| THIONS BY EITHCOOLOGOGO                        |        |             |        |              |          |          |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### **CS-94**

|  |        | Reporting |        |          |          |          |                |
|--|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte  | Result | Limit     | Dilı   | ution    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 93.0 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 93.0 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2335097 |
| 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                            |        | 84.3 %    | 50-200 |          | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | BA       |          | Batch: 2335088 |
|  |        |           |        |          |          |          |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### **CS-95**

|  |        | Reporting |        |          |          |          |                |
|--|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte  | Result | Limit     | Di     | lution   | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | : RKS    |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 93.5 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | : RKS    |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 104 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 93.5 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | : Љ      |          | Batch: 2335097 |
| Diesel Range Organics (C10-C28)                | 36.4   | 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                            |        | 84.4 %    | 50-200 |          | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | : BA     |          | Batch: 2335088 |
| Chloride                                       | 205    | 20.0      |        | 1        | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### **CS-96**

|  | Reporting |        |        |          |          |          |                |
|--|-----------|--------|--------|----------|----------|----------|----------------|
| Analyte  | Result    | Limit  | Dilı   | ution    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg     | mg/kg  |        | Analyst: | : RKS    |          | Batch: 2335081 |
| Benzene  | ND        | 0.0250 |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND        | 0.0250 |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND        | 0.0250 |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND        | 0.0250 |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND        | 0.0500 |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND        | 0.0250 |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |           | 104 %  | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |           | 95.0 % | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |           | 108 %  | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg     | mg/kg  |        | Analyst: | : RKS    |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND        | 20.0   |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |           | 104 %  | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |           | 95.0 % | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |           | 108 %  | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg     | mg/kg  |        | Analyst: | : Л      |          | Batch: 2335097 |
| 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                            |           | 88.5 % | 50-200 |          | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg     | mg/kg  |        | Analyst: | : BA     |          | Batch: 2335088 |
|  |           |        |        |          |          |          |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### **CS-97**

|  | Reporting |        |        |            |          |          |                |
|--|-----------|--------|--------|------------|----------|----------|----------------|
| Analyte  | Result    | Limit  | Dilu   | ition      | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg     | mg/kg  |        | Analyst: I | RKS      |          | Batch: 2335081 |
| Benzene  | ND        | 0.0250 | 1      | l          | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND        | 0.0250 | 1      | l          | 09/01/23 | 09/01/23 |                |
| Toluene  | ND        | 0.0250 | 1      | l          | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND        | 0.0250 | 1      | l          | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND        | 0.0500 | 1      | l          | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND        | 0.0250 | 1      | 1          | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |           | 99.4 % | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |           | 98.3 % | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |           | 106 %  | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg     | mg/kg  | -      | Analyst: I | RKS      |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND        | 20.0   | 1      | 1          | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |           | 99.4 % | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |           | 98.3 % | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |           | 106 %  | 70-130 |            | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg     | mg/kg  |        | Analyst: J | L        |          | Batch: 2335097 |
| 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                            |           | 85.0 % | 50-200 |            | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg     | mg/kg  |        | Analyst: I | BA       |          | Batch: 2335088 |
| Amons by ETA 500.0/3030A                       |           |        |        |            |          |          |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### **CS-98**

|  |        | Reporting |        |          |          |          |                |
|--|--------|-----------|--------|----------|----------|----------|----------------|
| Analyte  | Result | Limit     | Di     | lution   | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 102 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.6 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | RKS      |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 102 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.6 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 107 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2335097 |
| 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: 2335088 |
| Chloride                                       | 137    | 20.0      |        | 1        | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### **CS-99**

|  |        | 20020120           |        |          |          |          |                |
|--|--------|--------------------|--------|----------|----------|----------|----------------|
| Aughte   | Result | Reporting<br>Limit |        | ution    | Prepared | Analyzed | Notes          |
| Analyte  | Result | Limit              | Dil    | ution    | Prepared | Anaiyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg              |        | Analyst  | : RKS    |          | Batch: 2335081 |
| Benzene  | ND     | 0.0250             |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250             |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250             |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250             |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500             |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250             |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 105 %              | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.7 %             | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 108 %              | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              |        | Analyst: | : RKS    |          | Batch: 2335081 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 105 %              | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.7 %             | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 108 %              | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              |        | Analyst: | : Л      |          | Batch: 2335097 |
| 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                            |        | 90.4 %             | 50-200 |          | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              |        | Analyst: | : BA     |          | Batch: 2335088 |
| Chloride                                       | 149    | 20.0               |        | 1        | 08/31/23 | 09/01/23 |                |
|  |        |                    |        |          |          |          |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

### CS-100

|  |        | E308234-21 |        |          |          |          |                |
|--|--------|------------|--------|----------|----------|----------|----------------|
|  |        | Reporting  |        |          |          |          |                |
| Analyte  | Result | Limit      | Dilu   | ıtion    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg      |        | Analyst: | IY       |          | Batch: 2335082 |
| Benzene  | ND     | 0.0250     |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250     |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250     |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250     |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500     |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250     |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.1 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg      |        | Analyst: | IY       |          | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0       |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.1 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg      |        | Analyst: | Л        |          | Batch: 2335099 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0       |        | 1        | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0       |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 92.0 %     | 50-200 |          | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg      |        | Analyst: | BA       |          | Batch: 2335089 |
| Chloride                                       | 425    | 20.0       |        | 1        | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### **CS-101**

|  |        | E308234-22 |        |             |          |                |  |
|--|--------|------------|--------|-------------|----------|----------------|--|
| Reporting                                      |        |            |        |             |          |                |  |
| Analyte  | Result | Limit      | Diluti | on Prepared | Analyzed | Notes          |  |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg      | A      | nalyst: IY  |          | Batch: 2335082 |  |
| Benzene  | ND     | 0.0250     | 1      | 09/01/23    | 09/01/23 |                |  |
| Ethylbenzene                                   | ND     | 0.0250     | 1      | 09/01/23    | 09/01/23 |                |  |
| Toluene  | ND     | 0.0250     | 1      | 09/01/23    | 09/01/23 |                |  |
| o-Xylene                                       | ND     | 0.0250     | 1      | 09/01/23    | 09/01/23 |                |  |
| p,m-Xylene                                     | ND     | 0.0500     | 1      | 09/01/23    | 09/01/23 |                |  |
| Total Xylenes                                  | ND     | 0.0250     | 1      | 09/01/23    | 09/01/23 |                |  |
| Surrogate: Bromofluorobenzene                  |        | 122 %      | 70-130 | 09/01/23    | 09/01/23 |                |  |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.8 %     | 70-130 | 09/01/23    | 09/01/23 |                |  |
| Surrogate: Toluene-d8                          |        | 111 %      | 70-130 | 09/01/23    | 09/01/23 |                |  |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg      | A      | Analyst: IY |          | Batch: 2335082 |  |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0       | 1      | 09/01/23    | 09/01/23 |                |  |
| Surrogate: Bromofluorobenzene                  |        | 122 %      | 70-130 | 09/01/23    | 09/01/23 |                |  |
| Surrogate: 1,2-Dichloroethane-d4               |        | 98.8 %     | 70-130 | 09/01/23    | 09/01/23 |                |  |
| Surrogate: Toluene-d8                          |        | 111 %      | 70-130 | 09/01/23    | 09/01/23 |                |  |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg      | A      | nalyst: JL  |          | Batch: 2335099 |  |
| Diesel Range Organics (C10-C28)                | ND     | 25.0       | 1      | 09/01/23    | 09/01/23 |                |  |
| Oil Range Organics (C28-C36)                   | ND     | 50.0       | 1      | 09/01/23    | 09/01/23 |                |  |
| Surrogate: n-Nonane                            |        | 89.3 %     | 50-200 | 09/01/23    | 09/01/23 |                |  |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg      | A      | nalyst: BA  |          | Batch: 2335089 |  |
|  |        |            |        |             |          |                |  |

20.0

08/31/23

09/01/23

328



Chloride

| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

### CS-102

|  |        | E308234-23 |        |             |          |          |                |
|--|--------|------------|--------|-------------|----------|----------|----------------|
|  |        | Reporting  |        |             |          |          |                |
| Analyte  | Result | Limit      | Dilı   | ution       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg      |        | Analyst:    | IY       |          | Batch: 2335082 |
| Benzene  | ND     | 0.0250     |        | 1           | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250     |        | 1           | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250     |        | 1           | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250     |        | 1           | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500     |        | 1           | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250     |        | 1           | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %      | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.2 %     | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %      | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | /kg mg/kg  |        | Analyst: IY |          |          | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0       |        | 1           | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %      | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.2 %     | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %      | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg      |        | Analyst:    | ЛL       |          | Batch: 2335099 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0       |        | 1           | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0       |        | 1           | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 88.9 %     | 50-200 |             | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg      |        | Analyst:    | BA       |          | Batch: 2335089 |
| Chloride                                       | 470    | 20.0       |        | 1           | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### CS-103 E308234-24

| Analyte  | Result | Reporting<br>Limit | Diluti | on Prepared | Analyzed | Notes          |
|--|--------|--------------------|--------|-------------|----------|----------------|
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg              | A      | nalyst: IY  |          | Batch: 2335082 |
| Benzene  | ND     | 0.0250             | 1      | 09/01/23    | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250             | 1      | 09/01/23    | 09/01/23 |                |
| Toluene  | ND     | 0.0250             | 1      | 09/01/23    | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250             | 1      | 09/01/23    | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500             | 1      | 09/01/23    | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250             | 1      | 09/01/23    | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 119 %              | 70-130 | 09/01/23    | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.1 %             | 70-130 | 09/01/23    | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %              | 70-130 | 09/01/23    | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              | A      | nalyst: IY  |          | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               | 1      | 09/01/23    | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 119 %              | 70-130 | 09/01/23    | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.1 %             | 70-130 | 09/01/23    | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %              | 70-130 | 09/01/23    | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              | A      | nalyst: JL  |          | Batch: 2335099 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0               | 1      | 09/01/23    | 09/01/23 | -              |
| Oil Range Organics (C28-C36)                   | ND     | 50.0               | 1      | 09/01/23    | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 92.0 %             | 50-200 | 09/01/23    | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              | A      | nalyst: BA  |          | Batch: 2335089 |
| Chloride                                       | 23.3   | 20.0               | 1      | 08/31/23    | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### CS-104

|  |        | E308234-25  |        |             |          |          |                |
|--|--------|-------------|--------|-------------|----------|----------|----------------|
|  |        | Reporting   |        |             |          |          |                |
| Analyte  | Result | Limit       | Dilı   | ıtion       | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg       |        | Analyst:    | IY       |          | Batch: 2335082 |
| Benzene  | ND     | 0.0250      |        | 1           | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250      |        | 1           | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250      |        | 1           | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250      |        | 1           | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500      |        | 1           | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250      | :      | 1           | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %       | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.3 %      | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 111 %       | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | ng/kg mg/kg |        | Analyst: IY |          |          | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0        |        | 1           | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %       | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.3 %      | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 111 %       | 70-130 |             | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg       |        | Analyst:    | JL       |          | Batch: 2335099 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0        |        | 1           | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0        |        | 1           | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 92.3 %      | 50-200 |             | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg       |        | Analyst:    | BA       |          | Batch: 2335089 |
| Chloride                                       | 105    | 20.0        |        | 1           | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### CS-105 E308234-26

|  |        | E300234-20         |        |               |            |                |
|--|--------|--------------------|--------|---------------|------------|----------------|
| Analyte  | Result | Reporting<br>Limit | Dilu   | tion Prepared | d Analyzed | Notes          |
| Analyte  | Result | Limit              | Dilu   | поп гтератес  | d Anaryzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg              | I      | Analyst: IY   |            | Batch: 2335082 |
| Benzene  | ND     | 0.0250             | 1      | 09/01/23      | 3 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250             | 1      | 09/01/23      | 3 09/01/23 |                |
| Toluene  | ND     | 0.0250             | 1      | 09/01/23      | 3 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250             | 1      | 09/01/23      | 3 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500             | 1      | 09/01/23      | 3 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250             | 1      | 09/01/23      | 3 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 122 %              | 70-130 | 09/01/23      | 3 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.1 %             | 70-130 | 09/01/23      | 3 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 111 %              | 70-130 | 09/01/23      | 3 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              | 1      | Analyst: IY   |            | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               | 1      | 09/01/23      | 3 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 122 %              | 70-130 | 09/01/23      | 3 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.1 %             | 70-130 | 09/01/23      | 3 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 111 %              | 70-130 | 09/01/23      | 3 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              | 1      | Analyst: JL   |            | Batch: 2335099 |
| Diesel Range Organics (C10-C28)                | 35.5   | 25.0               | 1      | 09/01/23      | 3 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0               | 1      | 09/01/23      | 3 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 92.0 %             | 50-200 | 09/01/23      | 3 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              | 1      | Analyst: BA   |            | Batch: 2335089 |
| Chloride                                       | 199    | 20.0               | 1      | 08/31/23      | 3 09/01/23 |                |
|  |        |                    |        |               |            |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### **CS-106**

|  |        | E308234-27 |        |         |          |          |                |
|--|--------|------------|--------|---------|----------|----------|----------------|
|  |        | Reporting  |        |         |          |          |                |
| Analyte  | Result | Limit      | Dil    | ution   | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg      |        | Analyst | : IY     |          | Batch: 2335082 |
| Benzene  | ND     | 0.0250     |        | 1       | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250     |        | 1       | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250     |        | 1       | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250     |        | 1       | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500     |        | 1       | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250     |        | 1       | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %      | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.8 %     | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 111 %      | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg      |        | Analyst | : IY     |          | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0       |        | 1       | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %      | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.8 %     | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 111 %      | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg      |        | Analyst | : Л      |          | Batch: 2335099 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0       |        | 1       | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0       |        | 1       | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 90.7 %     | 50-200 |         | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg      |        | Analyst | : BA     |          | Batch: 2335089 |
| Chloride                                       | 157    | 20.0       |        | 1       | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### SW-1B E308234-28

|  |        | E308234-28 |        |          |          |          |                |
|--|--------|------------|--------|----------|----------|----------|----------------|
|  |        | Reporting  |        |          |          |          |                |
| Analyte  | Result | Limit      | Dılu   | ition    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg      |        | Analyst: | IY       |          | Batch: 2335082 |
| Benzene  | ND     | 0.0250     | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250     | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250     | 1      | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250     | 1      | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500     | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250     | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 116 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.5 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 111 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg      |        | Analyst: | IY       |          | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0       | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 116 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.5 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 111 %      | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg      |        | Analyst: | JL       |          | Batch: 2335099 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0       | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0       | 1      | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: n-Nonane                            |        | 91.1 %     | 50-200 |          | 09/01/23 | 09/01/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg      |        | Analyst: | BA       |          | Batch: 2335089 |
| Chloride                                       | 213    | 20.0       | 1      | 1        | 08/31/23 | 09/01/23 | <del></del>    |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### SW-7B E308234-29

|  |        | Reporting |        |         |          |          |                |
|--|--------|-----------|--------|---------|----------|----------|----------------|
| Analyte  | Result | Limit     | Dil    | ution   | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst | : IY     |          | Batch: 2335082 |
| Benzene  | ND     | 0.0250    |        | 1       | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1       | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    |        | 1       | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1       | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1       | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1       | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %     | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.6 %    | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %     | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst | : IY     |          | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1       | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %     | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.6 %    | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %     | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst | : ЛL     |          | Batch: 2335099 |
| Diesel Range Organics (C10-C28)                | 37.9   | 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                            |        | 89.4 %    | 50-200 | ·       | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst | : BA     |          | Batch: 2335089 |
| Chloride                                       | 172    | 20.0      |        | 1       | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### SW-13B E308234-30

|  |        | E300234-30 |        |              |            |                |
|--|--------|------------|--------|--------------|------------|----------------|
|  |        | Reporting  |        |              |            |                |
| Analyte  | Result | Limit      | Dilut  | ion Prepared | l Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg      | Α      | Analyst: IY  |            | Batch: 2335082 |
| Benzene  | ND     | 0.0250     | 1      | 09/01/23     | 09/01/23   |                |
| Ethylbenzene                                   | ND     | 0.0250     | 1      | 09/01/23     | 3 09/01/23 |                |
| Toluene  | ND     | 0.0250     | 1      | 09/01/23     | 3 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250     | 1      | 09/01/23     | 09/01/23   |                |
| p,m-Xylene                                     | ND     | 0.0500     | 1      | 09/01/23     | 09/01/23   |                |
| Total Xylenes                                  | ND     | 0.0250     | 1      | 09/01/23     | 3 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 119 %      | 70-130 | 09/01/23     | 09/01/23   |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.0 %     | 70-130 | 09/01/23     | 3 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %      | 70-130 | 09/01/23     | 09/01/23   |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg      | Α      | Analyst: IY  |            | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0       | 1      | 09/01/23     | 3 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 119 %      | 70-130 | 09/01/23     | 09/01/23   |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 95.0 %     | 70-130 | 09/01/23     | 3 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %      | 70-130 | 09/01/23     | 99/01/23   |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg      | A      | Analyst: JL  |            | Batch: 2335099 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0       | 1      | 09/01/23     | 3 09/02/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0       | 1      | 09/01/23     | 3 09/02/23 |                |
| Surrogate: n-Nonane                            |        | 90.3 %     | 50-200 | 09/01/23     | 3 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg      | A      | Analyst: BA  |            | Batch: 2335089 |
| Chloride                                       | 186    | 20.0       | 1      | 08/31/23     | 3 09/01/23 |                |
|  |        |            |        |              |            |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### SW-15B E308234-31

|        | Reporting  |  |  |   |  |   |
|--------|--|--|--|---|--|---|
| Result | Limit  | Dil  | ution  | Prepared  | Analyzed   | Notes   |
| mg/kg  | mg/kg  |  | Analyst:   | : IY  |  | Batch: 2335082  |
| ND     | 0.0250   |  | 1  | 09/01/23  | 09/01/23   |   |
| ND     | 0.0250   |  | 1  | 09/01/23  | 09/01/23   |   |
| ND     | 0.0250   |  | 1  | 09/01/23  | 09/01/23   |   |
| ND     | 0.0250   |  | 1  | 09/01/23  | 09/01/23   |   |
| ND     | 0.0500   |  | 1  | 09/01/23  | 09/01/23   |   |
| ND     | 0.0250   |  | 1  | 09/01/23  | 09/01/23   |   |
|        | 121 %  | 70-130   |  | 09/01/23  | 09/01/23   |   |
|        | 95.4 %   | 70-130   |  | 09/01/23  | 09/01/23   |   |
|        | 111 %  | 70-130   |  | 09/01/23  | 09/01/23   |   |
| mg/kg  | mg/kg  |  | Analyst:   | : IY  |  | Batch: 2335082  |
| ND     | 20.0   |  | 1  | 09/01/23  | 09/01/23   |   |
|        | 121 %  | 70-130   |  | 09/01/23  | 09/01/23   |   |
|        | 95.4 %   | 70-130   |  | 09/01/23  | 09/01/23   |   |
|        | 111 %  | 70-130   |  | 09/01/23  | 09/01/23   |   |
| mg/kg  | mg/kg  |  | Analyst:   | : Љ   |  | Batch: 2335099  |
| ND     | 25.0   |  | 1  | 09/01/23  | 09/02/23   |   |
| ND     | 50.0   |  | 1  | 09/01/23  | 09/02/23   |   |
|        | 90.9 %   | 50-200   |  | 09/01/23  | 09/02/23   |   |
| mg/kg  | mg/kg  |  | Analyst  | : BA  |  | Batch: 2335089  |
| 198    | 20.0   |  | 1  | 08/31/23  | 09/01/23   |   |
|        | 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           ID         0.0250           ID         95.4 %           III %         95.0           ND         25.0           ND         50.0           90.9 %         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           121 %         70-130           95.4 %         70-130           111 %         70-130           mg/kg         mg/kg           ND         20.0           121 %         70-130           111 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           90.9 %         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           95.4 %         70-130         70-130           Mg/kg         mg/kg         Analyst           ND         20.0         1           121 %         70-130         70-130           111 %         70-130         70-130           111 %         70-130         1           Mg/kg         mg/kg         Analyst           ND         25.0         1           ND         50.0         1           90.9 %         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           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           121 %         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: 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         09/01/23           ND         0.0500         1         09/01/23         09/01/23           ND         0.0250         1         09/01/23         09/01/23           ND         0.0250         1         09/01/23         09/01/23           95.4 %         70-130         09/01/23         09/01/23           95.4 %         70-130         09/01/23         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23         09/01/23           95.4 %         70-130         09/01/23         09/01/23           95.4 %         70-130         09/01/23         09/01/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1 |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### SW-16B E308234-32

| P. acult |  |   | tion  | Pranarad  | Analyzad  | Notes   |
|----------|--|---|---|---|---|---|
| Resuit   | Limit  | Dilu  | tion  | Prepared  | Anaryzeu  | Notes   |
| mg/kg    | mg/kg  | 1   | Analyst: IY   | •   |   | Batch: 2335082  |
| ND       | 0.0250   | 1   | ļ   | 09/01/23  | 09/01/23  |   |
| ND       | 0.0250   | 1   | ļ   | 09/01/23  | 09/01/23  |   |
| ND       | 0.0250   | 1   | Į.  | 09/01/23  | 09/01/23  |   |
| ND       | 0.0250   | 1   | !   | 09/01/23  | 09/01/23  |   |
| ND       | 0.0500   | 1   | l   | 09/01/23  | 09/01/23  |   |
| ND       | 0.0250   | 1   | l   | 09/01/23  | 09/01/23  |   |
|          | 122 %  | 70-130  |   | 09/01/23  | 09/01/23  |   |
|          | 93.4 %   | 70-130  |   | 09/01/23  | 09/01/23  |   |
|          | 112 %  | 70-130  |   | 09/01/23  | 09/01/23  |   |
| mg/kg    | mg/kg  | 1   | Analyst: IY   |   |   | Batch: 2335082  |
| ND       | 20.0   | 1   | l   | 09/01/23  | 09/01/23  |   |
|          | 122 %  | 70-130  |   | 09/01/23  | 09/01/23  |   |
|          | 93.4 %   | 70-130  |   | 09/01/23  | 09/01/23  |   |
|          | 112 %  | 70-130  |   | 09/01/23  | 09/01/23  |   |
| mg/kg    | mg/kg  | ı   | Analyst: JL   | ,   |   | Batch: 2335099  |
| ND       | 25.0   | 1   |   | 09/01/23  | 09/02/23  |   |
| ND       | 50.0   | 1   |   | 09/01/23  | 09/02/23  |   |
|          | 91.3 %   | 50-200  |   | 09/01/23  | 09/02/23  |   |
| mg/kg    | mg/kg  | 1   | Analyst: B  | A   |   | Batch: 2335089  |
| 167      | 20.0   | 1   |   | 08/31/23  | 09/01/23  |   |
|          | 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           I22 %         93.4 %           I12 %         mg/kg           ND         20.0           I22 %         93.4 %           I12 %         mg/kg           mg/kg         mg/kg           ND         25.0           ND         50.0           91.3 %         mg/kg           mg/kg         mg/kg | mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           122 %         70-130           93.4 %         70-130           112 %         70-130           mg/kg         mg/kg           ND         20.0           122 %         70-130           93.4 %         70-130           112 %         70-130           mg/kg         mg/kg           ND         25.0           ND         50.0           91.3 %         50-200           mg/kg         mg/kg | Result         Limit         Dilution           mg/kg         mg/kg         Analyst: IY           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         0.0250         1           122 %         70-130           93.4 %         70-130           mg/kg         mg/kg         Analyst: IY           ND         20.0         1           122 %         70-130         1           mg/kg         mg/kg         Analyst: IY           ND         25.0         1           ND         25.0         1           ND         50.0         1           91.3 %         50-200           mg/kg         Analyst: B. | 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           93.4 %         70-130         09/01/23           112 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23           122 %         70-130         09/01/23           93.4 %         70-130         09/01/23           112 %         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           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         09/01/23           ND         0.0500         1         09/01/23         09/01/23           ND         0.0250         1         09/01/23         09/01/23           ND         0.0250         1         09/01/23         09/01/23           93.4 %         70-130         09/01/23         09/01/23           93.4 %         70-130         09/01/23         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23         09/01/23           93.4 %         70-130         09/01/23         09/01/23           93.4 %         70-130         09/01/23         09/01/23           mg/kg         mg/kg         Analyst: JL           ND         25.0         1 |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### SW-17B E308234-33

|  |        | 200020.00          |        |          |          |            |                |
|--|--------|--------------------|--------|----------|----------|------------|----------------|
| Analyte  | Result | Reporting<br>Limit |        | lution   | Prepared | Analyzed   | Notes          |
|  |        |                    | - Di   | Analyst: |          | 7 mary zea |                |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg              |        | Allalyst |          | 00/01/02   | Batch: 2335082 |
| Benzene  | ND     | 0.0250             |        | 1        | 09/01/23 | 09/01/23   |                |
| Ethylbenzene                                   | ND     | 0.0250             |        | 1        | 09/01/23 | 09/01/23   |                |
| Toluene  | ND     | 0.0250             |        | 1        | 09/01/23 | 09/01/23   |                |
| o-Xylene                                       | ND     | 0.0250             |        | 1        | 09/01/23 | 09/01/23   |                |
| p,m-Xylene                                     | ND     | 0.0500             |        | 1        | 09/01/23 | 09/01/23   |                |
| Total Xylenes                                  | ND     | 0.0250             |        | 1        | 09/01/23 | 09/01/23   |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %              | 70-130 |          | 09/01/23 | 09/01/23   |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.4 %             | 70-130 |          | 09/01/23 | 09/01/23   |                |
| Surrogate: Toluene-d8                          |        | 111 %              | 70-130 |          | 09/01/23 | 09/01/23   |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              |        | Analyst: | IY       |            | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               |        | 1        | 09/01/23 | 09/01/23   |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %              | 70-130 |          | 09/01/23 | 09/01/23   |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 97.4 %             | 70-130 |          | 09/01/23 | 09/01/23   |                |
| Surrogate: Toluene-d8                          |        | 111 %              | 70-130 |          | 09/01/23 | 09/01/23   |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              |        | Analyst: | JL       |            | Batch: 2335099 |
| Diesel Range Organics (C10-C28)                | 32.7   | 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                            |        | 88.9 %             | 50-200 |          | 09/01/23 | 09/02/23   |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              |        | Analyst: | BA       |            | Batch: 2335089 |
| Chloride                                       | 192    | 20.0               |        | 1        | 08/31/23 | 09/01/23   |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### SW-18B E308234-34

|  |        | E00020101          |             |              |             |                |
|--|--------|--------------------|-------------|--------------|-------------|----------------|
| Analyte  | Result | Reporting<br>Limit | ;<br>Diluti | ion Prepared | Analyzed    | Notes          |
|  |        |                    |             | analyst: IY  | 7 Hidly Zed |                |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg              |             | -            |             | Batch: 2335082 |
| Benzene  | ND     | 0.0250             | 1           | 09/01/23     | 09/01/23    |                |
| Ethylbenzene                                   | ND     | 0.0250             | 1           | 09/01/23     | 09/01/23    |                |
| Toluene  | ND     | 0.0250             | 1           | 09/01/23     | 09/01/23    |                |
| o-Xylene                                       | ND     | 0.0250             | 1           | 09/01/23     | 09/01/23    |                |
| p,m-Xylene                                     | ND     | 0.0500             | 1           | 09/01/23     | 09/01/23    |                |
| Total Xylenes                                  | ND     | 0.0250             | 1           | 09/01/23     | 09/01/23    |                |
| Surrogate: Bromofluorobenzene                  |        | 119 %              | 70-130      | 09/01/23     | 09/01/23    |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.4 %             | 70-130      | 09/01/23     | 09/01/23    |                |
| Surrogate: Toluene-d8                          |        | 111 %              | 70-130      | 09/01/23     | 09/01/23    |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              | A           | nalyst: IY   |             | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               | 1           | 09/01/23     | 09/01/23    |                |
| Surrogate: Bromofluorobenzene                  |        | 119 %              | 70-130      | 09/01/23     | 09/01/23    |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.4 %             | 70-130      | 09/01/23     | 09/01/23    |                |
| Surrogate: Toluene-d8                          |        | 111 %              | 70-130      | 09/01/23     | 09/01/23    |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              | A           | nalyst: JL   |             | Batch: 2335099 |
| Diesel Range Organics (C10-C28)                | 29.1   | 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                            | ·      | 90.3 %             | 50-200      | 09/01/23     | 09/02/23    |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              | A           | analyst: BA  |             | Batch: 2335089 |
| Chloride                                       | 199    | 20.0               | 1           | 08/31/23     | 09/01/23    |                |
|  |        |                    |             |              |             |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### SW-20B E308234-35

| D 1:   |  |  |   |   |   | N.   |
|--------|--|--|---|---|---|--|
| Result | Limit  | Dilu   | ıtıon   | Prepared  | Analyzed  | Notes  |
| mg/kg  | mg/kg  |  | Analyst:  | IY  |   | Batch: 2335082   |
| ND     | 0.0250   | 1  | 1   | 09/01/23  | 09/01/23  |  |
| ND     | 0.0250   | 1  | 1   | 09/01/23  | 09/01/23  |  |
| ND     | 0.0250   | 1  | 1   | 09/01/23  | 09/01/23  |  |
| ND     | 0.0250   | 1  | 1   | 09/01/23  | 09/01/23  |  |
| ND     | 0.0500   | 1  | 1   | 09/01/23  | 09/01/23  |  |
| ND     | 0.0250   | 1  | 1   | 09/01/23  | 09/01/23  |  |
|        | 121 %  | 70-130   |   | 09/01/23  | 09/01/23  |  |
|        | 97.0 %   | 70-130   |   | 09/01/23  | 09/01/23  |  |
|        | 111 %  | 70-130   |   | 09/01/23  | 09/01/23  |  |
| mg/kg  | mg/kg  |  | Analyst:  | IY  |   | Batch: 2335082   |
| ND     | 20.0   | 1  | 1   | 09/01/23  | 09/01/23  |  |
|        | 121 %  | 70-130   |   | 09/01/23  | 09/01/23  |  |
|        | 97.0 %   | 70-130   |   | 09/01/23  | 09/01/23  |  |
|        | 111 %  | 70-130   |   | 09/01/23  | 09/01/23  |  |
| mg/kg  | mg/kg  |  | Analyst:  | JL  |   | Batch: 2335099   |
| 27.7   | 25.0   | 1  | 1   | 09/01/23  | 09/02/23  |  |
| ND     | 50.0   | 1  | 1   | 09/01/23  | 09/02/23  |  |
|        | 89.9 %   | 50-200   |   | 09/01/23  | 09/02/23  |  |
| mg/kg  | mg/kg  |  | Analyst:  | BA  |   | Batch: 2335089   |
| 192    | 20.0   |  | 1   | 08/31/23  | 09/01/23  |  |
|        | 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           ID         0.0250           ID         97.0 %           III %         97.0 %           III %         97.0 %           III %         97.0 %           III %         111 %           mg/kg         mg/kg           27.7         25.0           ND         50.0           89.9 %         mg/kg           mg/kg         mg/kg | mg/kg         mg/kg           ND         0.0250           ND         0.0250           ND         0.0250           ND         0.0500           ND         0.0250           ND         0.0250           121 %         70-130           97.0 %         70-130           111 %         70-130           mg/kg         mg/kg           ND         20.0           121 %         70-130           97.0 %         70-130           111 %         70-130           mg/kg         mg/kg           27.7         25.0           ND         50.0           89.9 %         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           97.0 %         70-130         70-130           mg/kg         mg/kg         Analyst:           ND         20.0         1           121 %         70-130         70-130           mg/kg         mg/kg         Analyst:           mg/kg         mg/kg         Analyst:           27.7         25.0         1           ND         50.0         1           89.9 %         50-200           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           97.0 %         70-130         09/01/23           111 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23           97.0 %         70-130         09/01/23           111 %         70-130         09/01/23           111 %         70-130         09/01/23           111 %         70-130         09/01/23           mg/kg         mg/kg         Analyst: JL           27.7         25.0         1         09/01/23           ND         50.0         1         09/01/23           89.9 % | Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: IY         ND         0.0250         1         09/01/23         09/01/23           ND         0.0250         1         09/01/23         09/01/23         09/01/23           ND         0.0250         1         09/01/23         09/01/23           ND         0.0250         1         09/01/23         09/01/23           ND         0.0500         1         09/01/23         09/01/23           ND         0.0250         1         09/01/23         09/01/23           97.0 %         70-130         09/01/23         09/01/23           97.0 %         70-130         09/01/23         09/01/23           mg/kg         mg/kg         Analyst: IY           ND         20.0         1         09/01/23         09/01/23           97.0 %         70-130         09/01/23         09/01/23           97.0 %         70-130         09/01/23         09/01/23           97.0 %         70-130         09/01/23         09/01/23           mg/kg         mg/kg         Analyst: JL           27.7         25.0         1 |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### SW-42

|  |        | E308234-36 |        |         |          |          |                |
|--|--------|------------|--------|---------|----------|----------|----------------|
|  |        | Reporting  |        |         |          |          |                |
| Analyte  | Result | Limit      | Dilı   | ution   | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg      |        | Analyst | IY       |          | Batch: 2335082 |
| Benzene  | ND     | 0.0250     |        | 1       | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250     |        | 1       | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250     |        | 1       | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250     |        | 1       | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500     |        | 1       | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250     |        | 1       | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 120 %      | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.1 %     | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %      | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg      |        | Analyst | IY       |          | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0       |        | 1       | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 120 %      | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.1 %     | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %      | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg      |        | Analyst | JL       |          | Batch: 2335099 |
| 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                            |        | 89.8 %     | 50-200 |         | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg      |        | Analyst | BA       |          | Batch: 2335089 |
| Chloride                                       | 190    | 20.0       |        | 1       | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### SW-47

| E308234-37                                     |        |           |        |          |          |          |                |
|--|--------|-----------|--------|----------|----------|----------|----------------|
|  |        | Reporting |        |          |          |          |                |
| Analyte  | Result | Limit     | Dilı   | ıtion    | Prepared | Analyzed | Notes          |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2335082 |
| Benzene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    |        | 1        | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250    |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.8 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 111 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     |        | Analyst: | IY       |          | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      |        | 1        | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 94.8 %    | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 111 %     | 70-130 |          | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     |        | Analyst: | JL       |          | Batch: 2335099 |
| 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                            |        | 95.8 %    | 50-200 |          | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     |        | Analyst: | BA       |          | Batch: 2335089 |
| Chloride                                       | 30.7   | 20.0      |        | 1        | 08/31/23 | 09/01/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                    |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:          |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

#### SW-48 E308234-38

|  |        | 200020.00          |        |         |          |          |                |
|--|--------|--------------------|--------|---------|----------|----------|----------------|
| Analyte  | Result | Reporting<br>Limit |        | lution  | Prepared | Analyzed | Notes          |
|  |        |                    | DII    | Analyst |          | Amaryzea |                |
| Volatile Organic Compounds by EPA 8260B        | mg/kg  | mg/kg              |        | Anaiyst |          | 00/04/00 | Batch: 2335082 |
| Benzene  | ND     | 0.0250             |        | 1       | 09/01/23 | 09/01/23 |                |
| Ethylbenzene                                   | ND     | 0.0250             |        | 1       | 09/01/23 | 09/01/23 |                |
| Toluene  | ND     | 0.0250             |        | 1       | 09/01/23 | 09/01/23 |                |
| o-Xylene                                       | ND     | 0.0250             |        | 1       | 09/01/23 | 09/01/23 |                |
| p,m-Xylene                                     | ND     | 0.0500             |        | 1       | 09/01/23 | 09/01/23 |                |
| Total Xylenes                                  | ND     | 0.0250             |        | 1       | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %              | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.8 %             | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %              | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg              |        | Analyst | : IY     |          | Batch: 2335082 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0               |        | 1       | 09/01/23 | 09/01/23 |                |
| Surrogate: Bromofluorobenzene                  |        | 121 %              | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: 1,2-Dichloroethane-d4               |        | 96.8 %             | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Surrogate: Toluene-d8                          |        | 112 %              | 70-130 |         | 09/01/23 | 09/01/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg              |        | Analyst | : ЛL     |          | Batch: 2335099 |
| 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                            |        | 93.7 %             | 50-200 |         | 09/01/23 | 09/02/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg              |        | Analyst | : BA     |          | Batch: 2335089 |
| Chloride                                       | 39.5   | 20.0               |        | 1       | 08/31/23 | 09/01/23 |                |



Thistle Unit #46H NTG-New Tech Global Environmental Project Name: Reported: 911 Regional Park Dr. Project Number: 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 9/5/2023 3:00:10PM **Volatile Organic Compounds by EPA 8260B** Analyst: RKS Reporting Spike Source Rec RPD Analyte Result Limit Level Result Rec Limits RPD Limit mg/kg mg/kg mg/kg mg/kg % % % % Notes Blank (2335081-BLK1) Prepared: 09/01/23 Analyzed: 09/01/23 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 0.518 0.500 104 70-130 Surrogate: 1,2-Dichloroethane-d4 0.460 0.500 92.0 70-130 0.500 106 70-130 Surrogate: Toluene-d8 0.531 LCS (2335081-BS1) Prepared: 09/01/23 Analyzed: 09/01/23 2.79 0.0250 2.50 112 70-130 Benzene 2.85 2.50 114 70-130 Ethylbenzene 0.0250 2.86 0.0250 2.50 114 70-130 2.97 119 70-130 0.0250 2.50 o-Xylene 5.86 5.00 117 70-130 p,m-Xylene 0.0500 8.83 0.0250 7.50 118 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.520 0.500 104 70-130 0.500 93.1 70-130 Surrogate: 1,2-Dichloroethane-d4 0.466 70-130 Surrogate: Toluene-d8 0.528 0.500 Matrix Spike (2335081-MS1) Source: E308234-07 Prepared: 09/01/23 Analyzed: 09/01/23 48-131 2.59 0.0250 2.50 ND 103 45-135 Ethylbenzene 2.69 0.0250 2.50 ND 108 ND 48-130 Toluene 2.67 0.0250 2.50 107 2.92 0.0250 2.50 ND 117 43-135 o-Xylene 5.70 5.00 ND 114 43-135 p,m-Xylene 0.0500 Total Xylenes 8.62 0.0250 7.50 ND 115 43-135 Surrogate: Bromofluorobenzene 0.519 0.500 104 70-130 0.500 95.9 70-130 Surrogate: 1,2-Dichloroethane-d4 0.480 0.500 70-130 0.517 Surrogate: Toluene-d8 Matrix Spike Dup (2335081-MSD1) Source: E308234-07 Prepared: 09/01/23 Analyzed: 09/01/23 2.36 0.0250 2.50 ND 94.5 48-131 9.11 23 2.59 0.0250 2.50 ND 103 45-135 4.05 27 Ethylbenzene 2.59 ND 103 48-130 3.05 24 2.50 Toluene 0.0250 o-Xylene 2.81 0.0250 2.50 ND 112 43-135 3.89 27 5.00 ND 110 43-135 3.64 27 5.50 0.0500 p,m-Xylene 27 8.31 0.0250 7.50 ND 111 43-135 3.73 Total Xylenes Surrogate: Bromofluorobenzene 0.528 0.500 106 70-130



0.500

0.500

0.461

0.533

92.2

107

70-130

70-130

Surrogate: 1,2-Dichloroethane-d4

Surrogate: Toluene-d8

Thistle Unit #46H NTG-New Tech Global Environmental Project Name: Reported: 911 Regional Park Dr. Project Number: 01058-0007 Houston TX, 77060 Project Manager: Ethan Sessums 9/5/2023 3:00:10PM **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 (2335082-BLK1) Prepared: 09/01/23 Analyzed: 09/01/23 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 0.612 0.500 122 70-130 Surrogate: 1,2-Dichloroethane-d4 0.473 0.500 94.6 70-130 0.500 112 70-130 Surrogate: Toluene-d8 0.559 LCS (2335082-BS1) Prepared: 09/01/23 Analyzed: 09/01/23 2.36 0.0250 2.50 94.4 70-130 Benzene 2.58 2.50 103 70-130 Ethylbenzene 0.0250 2.56 0.0250 2.50 102 70-130 70-130 2.73 0.0250 2.50 109 o-Xylene 5.48 5.00 110 70-130 p,m-Xylene 0.0500 8.21 0.0250 7.50 109 70-130 Total Xylenes Surrogate: Bromofluorobenzene 0.610 0.500 122 70-130 0.500 95.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.479 70-130 Surrogate: Toluene-d8 0.559 0.500 112 Matrix Spike (2335082-MS1) Source: E308234-27 Prepared: 09/01/23 Analyzed: 09/01/23 48-131 2.65 0.0250 2.50 ND 45-135 Ethylbenzene 2.68 0.0250 2.50 ND 107 2.72 ND 109 48-130 Toluene 0.0250 2.50 2.87 0.0250 2.50 ND 115 43-135 o-Xylene 5.77 5.00 ND 115 43-135 p,m-Xylene 0.0500 Total Xylenes 8.64 0.0250 7.50 ND 115 43-135 Surrogate: Bromofluorobenzene 0.608 0.500 122 70-130 0.500 97.6 70-130 Surrogate: 1,2-Dichloroethane-d4 0.488 0.500 70-130 0.555 111 Surrogate: Toluene-d8 Matrix Spike Dup (2335082-MSD1) Source: E308234-27 Prepared: 09/01/23 Analyzed: 09/01/23 2.47 0.0250 2.50 ND 98.8 48-131 7.18 23 2.54 0.0250 2.50 ND 45-135 5.56 27 Ethylbenzene ND 48-130 5.80 24 2.56 2.50 102 Toluene 0.0250 o-Xylene 2.70 0.0250 2.50 ND 108 43-135 6.19 27 5.44 5.00 ND 109 43-135 27 0.0500 5.89 p,m-Xylene 27 8.13 0.0250 7.50 ND 108 43-135 5.99 Total Xylenes Surrogate: Bromofluorobenzene 0.613 0.500 123 70-130 0.500 93.4 70-130 Surrogate: 1,2-Dichloroethane-d4 0.467



0.500

112

70-130

0.558

Surrogate: Toluene-d8

Surrogate: Toluene-d8

### **QC Summary Data**

| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H | Reported:          |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | ^                  |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

| 911 Regional Park Dr.<br>Houston TX, 77060 |        | Project Number:<br>Project Manager: |                | 058-0007<br>nan Sessums |                    |               |              |              | 9/5/2023 3:00:10PM |
|--|--------|-------------------------------------|----------------|-------------------------|--------------------|---------------|--------------|--------------|--------------------|
|  | Noi    | nhalogenated O                      | rganics b      | y EPA 801               | 5D - GI            | RO            |              |              | Analyst: RKS       |
| Analyte                                    | Result | Reporting<br>Limit                  | Spike<br>Level | Source<br>Result        | Rec                | Rec<br>Limits | RPD          | RPD<br>Limit |                    |
|  | mg/kg  | mg/kg                               | mg/kg          | mg/kg                   | %                  | %             | %            | %            | Notes              |
| Blank (2335081-BLK1)                       |        |                                     |                |                         |                    |               | Prepared: 09 | 9/01/23      | Analyzed: 09/01/23 |
| Gasoline Range Organics (C6-C10)           | ND     | 20.0                                |                |                         |                    |               |              |              |                    |
| Surrogate: Bromofluorobenzene              | 0.518  |                                     | 0.500          |                         | 104                | 70-130        |              |              |                    |
| Surrogate: 1,2-Dichloroethane-d4           | 0.460  |                                     | 0.500          |                         | 92.0               | 70-130        |              |              |                    |
| Surrogate: Toluene-d8                      | 0.531  |                                     | 0.500          |                         | 106                | 70-130        |              |              |                    |
| LCS (2335081-BS2)                          |        |                                     |                |                         |                    |               | Prepared: 09 | 9/01/23      | Analyzed: 09/01/23 |
| Gasoline Range Organics (C6-C10)           | 65.6   | 20.0                                | 50.0           |                         | 131                | 70-130        |              |              | L2                 |
| Surrogate: Bromofluorobenzene              | 0.528  |                                     | 0.500          |                         | 106                | 70-130        |              |              |                    |
| Surrogate: 1,2-Dichloroethane-d4           | 0.475  |                                     | 0.500          |                         | 95.0               | 70-130        |              |              |                    |
| Surrogate: Toluene-d8                      | 0.552  |                                     | 0.500          |                         | 110                | 70-130        |              |              |                    |
| Matrix Spike (2335081-MS2)                 |        |                                     |                | Source: I               | E308234-0          | )7            | Prepared: 09 | 9/01/23      | Analyzed: 09/01/23 |
| Gasoline Range Organics (C6-C10)           | 67.6   | 20.0                                | 50.0           | ND                      | 135                | 70-130        |              |              | M7                 |
| Surrogate: Bromofluorobenzene              | 0.531  |                                     | 0.500          |                         | 106                | 70-130        |              |              |                    |
| Surrogate: 1,2-Dichloroethane-d4           | 0.466  |                                     | 0.500          |                         | 93.1               | 70-130        |              |              |                    |
| Surrogate: Toluene-d8                      | 0.541  |                                     | 0.500          |                         | 108                | 70-130        |              |              |                    |
| Matrix Spike Dup (2335081-MSD2)            |        |                                     |                | Source: I               | E <b>308234-</b> ( | )7            | Prepared: 09 | 9/01/23      | Analyzed: 09/01/23 |
| Gasoline Range Organics (C6-C10)           | 67.0   | 20.0                                | 50.0           | ND                      | 134                | 70-130        | 0.916        | 20           | M7                 |
| Surrogate: Bromofluorobenzene              | 0.525  |                                     | 0.500          |                         | 105                | 70-130        |              |              |                    |
| Surrogate: 1,2-Dichloroethane-d4           | 0.470  |                                     | 0.500          |                         | 93.9               | 70-130        |              |              |                    |
|  |        |                                     |                |                         |                    |               |              |              |                    |

0.500

0.553

111

70-130



 ${\it Surrogate: Bromofluor obenzene}$ 

Surrogate: Toluene-d8

Surrogate: 1,2-Dichloroethane-d4

### **QC Summary Data**

NTG-New Tech Global Environmental Project Name: Thistle Unit #46H Reported:
911 Regional Park Dr. Project Number: 01058-0007
Houston TX, 77060 Project Manager: Ethan Sessums 9/5/2023 3:00:10PM

| Houston TX, 77060                |        | Project Manager    | r: Et          | han Sessums      |          |               |             | 9/5           | /2023 3:00:10PM |
|----------------------------------|--------|--------------------|----------------|------------------|----------|---------------|-------------|---------------|-----------------|
|                                  | Non    | halogenated        | Organics l     | by EPA 80        | 15D - Gl | RO            |             |               | Analyst: IY     |
| Analyte                          | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec      | Rec<br>Limits | RPD         | RPD<br>Limit  |                 |
|                                  | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %        | %             | %           | %             | Notes           |
| Blank (2335082-BLK1)             |        |                    |                |                  |          |               | Prepared: 0 | 9/01/23 Analy | zed: 09/01/23   |
| Gasoline Range Organics (C6-C10) | ND     | 20.0               |                |                  |          |               |             |               |                 |
| Surrogate: Bromofluorobenzene    | 0.612  |                    | 0.500          |                  | 122      | 70-130        |             |               |                 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.473  |                    | 0.500          |                  | 94.6     | 70-130        |             |               |                 |
| Surrogate: Toluene-d8            | 0.559  |                    | 0.500          |                  | 112      | 70-130        |             |               |                 |
| LCS (2335082-BS2)                |        |                    |                |                  |          |               | Prepared: 0 | 9/01/23 Analy | zed: 09/01/23   |
| Gasoline Range Organics (C6-C10) | 57.5   | 20.0               | 50.0           |                  | 115      | 70-130        |             |               |                 |
| Surrogate: Bromofluorobenzene    | 0.603  |                    | 0.500          |                  | 121      | 70-130        |             |               |                 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.469  |                    | 0.500          |                  | 93.7     | 70-130        |             |               |                 |
| Surrogate: Toluene-d8            | 0.567  |                    | 0.500          |                  | 113      | 70-130        |             |               |                 |
| Matrix Spike (2335082-MS2)       |        |                    |                | Source:          | E308234- | 27            | Prepared: 0 | 9/01/23 Analy | zed: 09/01/23   |
| Gasoline Range Organics (C6-C10) | 57.5   | 20.0               | 50.0           | ND               | 115      | 70-130        |             |               |                 |
| Surrogate: Bromofluorobenzene    | 0.611  |                    | 0.500          |                  | 122      | 70-130        |             |               |                 |
| Surrogate: 1,2-Dichloroethane-d4 | 0.492  |                    | 0.500          |                  | 98.4     | 70-130        |             |               |                 |
| Surrogate: Toluene-d8            | 0.565  |                    | 0.500          |                  | 113      | 70-130        |             |               |                 |
| Matrix Spike Dup (2335082-MSD2)  |        |                    |                | Source:          | E308234- | 27            | Prepared: 0 | 9/01/23 Analy | zed: 09/01/23   |
| Gasoline Range Organics (C6-C10) | 57.7   | 20.0               | 50.0           | ND               | 115      | 70-130        | 0.276       | 20            |                 |

0.500

0.500

0.500

0.615

0.481

0.563

123

96.2

113

70-130

70-130

70-130



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H | Reported:          |
|-----------------------------------|------------------|-------------------|--------------------|
| 911 Regional Park Dr.             | Project Number:  | 01058-0007        | •                  |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 9/5/2023 3:00:10PM |

| Houston TX, 77060               |        | Project Manage     | r: Eti         | han Sessums      |           |               |             |                  | 9/5/2023 3:00:10PM |
|---------------------------------|--------|--------------------|----------------|------------------|-----------|---------------|-------------|------------------|--------------------|
|                                 | Nonha  | logenated Or       | ganics by l    | EPA 8015I        | ) - DRO   | /ORO          |             |                  | Analyst: JL        |
| Analyte                         | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec       | Rec<br>Limits | RPD         | RPD<br>Limit     |                    |
|                                 | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %         | %             | %           | %                | Notes              |
| Blank (2335097-BLK1)            |        |                    |                |                  |           |               | Prepared: 0 | 9/01/23 <i>A</i> | Analyzed: 09/01/23 |
| Diesel Range Organics (C10-C28) | ND     | 25.0               |                |                  |           |               |             |                  |                    |
| Oil Range Organics (C28-C36)    | ND     | 50.0               |                |                  |           |               |             |                  |                    |
| Surrogate: n-Nonane             | 42.4   |                    | 50.0           |                  | 84.7      | 50-200        |             |                  |                    |
| LCS (2335097-BS1)               |        |                    |                |                  |           |               | Prepared: 0 | 9/01/23 A        | Analyzed: 09/01/23 |
| Diesel Range Organics (C10-C28) | 221    | 25.0               | 250            |                  | 88.6      | 38-132        |             |                  |                    |
| Surrogate: n-Nonane             | 40.3   |                    | 50.0           |                  | 80.6      | 50-200        |             |                  |                    |
| Matrix Spike (2335097-MS1)      |        |                    |                | Source:          | E308234-0 | 05            | Prepared: 0 | 9/01/23 A        | Analyzed: 09/01/23 |
| Diesel Range Organics (C10-C28) | 257    | 25.0               | 250            | 32.2             | 89.9      | 38-132        |             |                  |                    |
| Surrogate: n-Nonane             | 43.7   |                    | 50.0           |                  | 87.4      | 50-200        |             |                  |                    |
| Matrix Spike Dup (2335097-MSD1) |        |                    |                | Source:          | E308234-0 | 05            | Prepared: 0 | 9/01/23 A        | Analyzed: 09/01/23 |
| Diesel Range Organics (C10-C28) | 257    | 25.0               | 250            | 32.2             | 90.0      | 38-132        | 0.147       | 20               |                    |
| Surrogate: n-Nonane             | 43.9   |                    | 50.0           |                  | 87.8      | 50-200        |             |                  |                    |



| NTG-New Tech Global Environmental          | Project Name:                    | Thistle Unit #46H           | Reported:          |
|--|----------------------------------|-----------------------------|--------------------|
| 911 Regional Park Dr.<br>Houston TX, 77060 | Project Number: Project Manager: | 01058-0007<br>Ethan Sessums | 9/5/2023 3:00:10PM |

| Houston TX, 77060               |        | Project Manage     | r: Eti         | han Sessums      |          |               |             |              | 9/5/2023 3:00:10PM |
|---------------------------------|--------|--------------------|----------------|------------------|----------|---------------|-------------|--------------|--------------------|
|                                 | Nonha  | logenated Or       | ganics by l    | EPA 8015I        | ) - DRO  | /ORO          |             |              | Analyst: JL        |
| Analyte                         | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec      | Rec<br>Limits | RPD         | RPD<br>Limit |                    |
|                                 | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %        | %             | %           | %            | Notes              |
| Blank (2335099-BLK1)            |        |                    |                |                  |          |               | Prepared: 0 | 9/01/23 A    | nalyzed: 09/01/23  |
| Diesel Range Organics (C10-C28) | ND     | 25.0               |                |                  |          |               |             |              |                    |
| Oil Range Organics (C28-C36)    | ND     | 50.0               |                |                  |          |               |             |              |                    |
| Surrogate: n-Nonane             | 43.3   |                    | 50.0           |                  | 86.6     | 50-200        |             |              |                    |
| LCS (2335099-BS1)               |        |                    |                |                  |          |               | Prepared: 0 | 9/01/23 A    | nalyzed: 09/01/23  |
| Diesel Range Organics (C10-C28) | 238    | 25.0               | 250            |                  | 95.3     | 38-132        |             |              |                    |
| Surrogate: n-Nonane             | 44.2   |                    | 50.0           |                  | 88.5     | 50-200        |             |              |                    |
| Matrix Spike (2335099-MS1)      |        |                    |                | Source:          | E308234- | 25            | Prepared: 0 | 9/01/23 A    | nalyzed: 09/01/23  |
| Diesel Range Organics (C10-C28) | 235    | 25.0               | 250            | ND               | 94.2     | 38-132        |             |              |                    |
| Surrogate: n-Nonane             | 46.1   |                    | 50.0           |                  | 92.2     | 50-200        |             |              |                    |
| Matrix Spike Dup (2335099-MSD1) |        |                    |                | Source:          | E308234- | 25            | Prepared: 0 | 9/01/23 A    | nalyzed: 09/01/23  |
| Diesel Range Organics (C10-C28) | 231    | 25.0               | 250            | ND               | 92.4     | 38-132        | 1.91        | 20           |                    |
| Surrogate: n-Nonane             | 43.2   |                    | 50.0           |                  | 86.4     | 50-200        |             |              |                    |



| NTG-New Tech Global Environmental 911 Regional Park Dr. | Project Name: Project Number: | Thistle Unit #46H<br>01058-0007 | Reported:          |  |  |  |  |  |
|---|-------------------------------|---------------------------------|--------------------|--|--|--|--|--|
| Houston TX, 77060                                       | Project Manager:              | Ethan Sessums                   | 9/5/2023 3:00:10PM |  |  |  |  |  |
|   | Anions by EPA 300.0/9056A     |                                 |                    |  |  |  |  |  |

|                                 |        | Anions             | by EPA 3       | 00.0/9056 <i>A</i> | 1         |               |             |                  | Analyst: BA        |
|---------------------------------|--------|--------------------|----------------|--------------------|-----------|---------------|-------------|------------------|--------------------|
| Analyte                         | Result | Reporting<br>Limit | Spike<br>Level | Source<br>Result   | Rec       | Rec<br>Limits | RPD         | RPD<br>Limit     |                    |
|                                 | mg/kg  | mg/kg              | mg/kg          | mg/kg              | %         | %             | %           | %                | Notes              |
| Blank (2335088-BLK1)            |        |                    |                |                    |           |               | Prepared: 0 | 8/31/23 <i>A</i> | Analyzed: 09/01/23 |
| Chloride                        | ND     | 20.0               |                |                    |           |               |             |                  |                    |
| LCS (2335088-BS1)               |        |                    |                |                    |           |               | Prepared: 0 | 8/31/23 A        | Analyzed: 09/01/23 |
| Chloride                        | 253    | 20.0               | 250            |                    | 101       | 90-110        |             |                  |                    |
| Matrix Spike (2335088-MS1)      |        |                    |                | Source:            | E308234-0 | 01            | Prepared: 0 | 8/31/23 A        | Analyzed: 09/01/23 |
| Chloride                        | 440    | 20.0               | 250            | 180                | 104       | 80-120        |             |                  |                    |
| Matrix Spike Dup (2335088-MSD1) |        |                    |                | Source:            | E308234-  | )1            | Prepared: 0 | 8/31/23 A        | Analyzed: 09/01/23 |
| Chloride                        | 441    | 20.0               | 250            | 180                | 104       | 80-120        | 0.154       | 20               |                    |

| NTG-New Tech Global Environmental          |        | Project Name:                       |                | histle Unit #46           | Н         |               |             |              | Reported:          |
|--|--------|-------------------------------------|----------------|---------------------------|-----------|---------------|-------------|--------------|--------------------|
| 911 Regional Park Dr.<br>Houston TX, 77060 |        | Project Number:<br>Project Manager: |                | 1058-0007<br>than Sessums |           |               |             |              | 9/5/2023 3:00:10PM |
|  |        | Anions l                            | by EPA 3       | 300.0/9056A               | _         |               |             |              | Analyst: BA        |
| Analyte                                    | Result | Reporting<br>Limit                  | Spike<br>Level | Source<br>Result          | Rec       | Rec<br>Limits | RPD         | RPD<br>Limit |                    |
|  | mg/kg  | mg/kg                               | mg/kg          | mg/kg                     | %         | %             | %           | %            | Notes              |
| Blank (2335089-BLK1)                       |        |                                     |                |                           |           |               | Prepared: 0 | 8/31/23 A    | analyzed: 09/01/23 |
| Chloride                                   | ND     | 20.0                                |                |                           |           |               |             |              |                    |
| LCS (2335089-BS1)                          |        |                                     |                |                           |           |               | Prepared: 0 | 8/31/23 A    | analyzed: 09/01/23 |
| Chloride                                   | 254    | 20.0                                | 250            |                           | 102       | 90-110        |             |              |                    |
| Matrix Spike (2335089-MS1)                 |        |                                     |                | Source:                   | E308234-2 | 21            | Prepared: 0 | 8/31/23 A    | analyzed: 09/01/23 |
| Chloride                                   | 638    | 20.0                                | 250            | 425                       | 85.4      | 80-120        |             |              |                    |
| Matrix Spike Dup (2335089-MSD1)            |        |                                     |                | Source: 1                 | E308234-2 | 21            | Prepared: 0 | 8/31/23 A    | analyzed: 09/01/23 |
| Chloride                                   | 697    | 20.0                                | 250            | 425                       | 109       | 80-120        | 8.71        | 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**

| ſ | NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                |
|---|-----------------------------------|------------------|-------------------|----------------|
| ١ | 911 Regional Park Dr.             | Project Number:  | 01058-0007        | Reported:      |
| ١ | Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 09/05/23 15:00 |

L2 The LCS spike recovery was above acceptance limits. This analyte was not detected in the sample.

M7 Matrix Spike was outside the acceptance limits.

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>E308234</u> Job # 01058-0007

| Project Manager:    | Ethan : | Sessum  | S            |            |                | Bill to: (if           | different)           |               | Wesle      | y Math      | news     |         |     |             |          |         | Work C    | order ( | Comments  |                            |
|---------------------|---------|---------|--------------|------------|----------------|------------------------|----------------------|---------------|------------|-------------|----------|---------|-----|-------------|----------|---------|-----------|---------|---|----------------------------|
| Company Name:       | NTG E   | nvironm | ental        |            |                | Company                | Name:                |               | Devor      | Energ       | ЭУ       |         |     | Prog        | ram: U   | ST/PST  | PRP       | Brow    | nfields RRC   | uperfund [                 |
| Address:            | 402 E   | Wood A  | ve           |            |                | Address:               |                      |               | 6488       | Seven       | Rivers   | Highway |     |             | of Pro   |         |           |         |   |                            |
| City, State ZIP:    | Carlsba | ad, NM  | 38220        |            |                | City, Stat             | e ZIP:               |               | Artesi     | a, NM       | 88210    |         |     | Repo        | rting:L  | evel II | Level III | ₽ST     | T/UST TRRP  | Level IV                   |
| Phone:              | 254-26  | 6-5456  |              |            | Email:         | Wesley.                | Mathews              | @dvn.c        | om         |             |          |         |     | Deliv       | erables  | : EDD   |           | ADaP    | T Other:  |                            |
| Project Name:       |         | This    | le Unit #46H |            | Tur            | rn Around ANALYSIS REQ |                      |               | EQUES      | Т           |          |         |     | Preservativ | ve Codes |         |           |         |   |                            |
| Project Number:     |         |         | 237481       |            | Routine        | ✓ Rush                 | 1                    | Pres.<br>Code |            | 9           |          |         |     |             |          |         |           |         | None: NO E  | DI Water: H <sub>2</sub> O |
| Project Location    |         | Le      | ea Co. NM    |            | Due Date:      | 48                     | Bhr                  |               |            |             |          |         |     |             |          |         |           |         | Cool: Cool N  | MeOH: Me                   |
| Sampler's Name:     |         |         | ellan Smith  |            | TAT starts the | day receive            | ed by the            |               |            | + MRO)      |          |         |     |             |          |         |           |         | HCL: HC   | HNO <sub>3</sub> : HN      |
| PO #:               |         |         | 21211758     |            | lab, if rece   | eived by 4:30pm        |                      | 2             |            | +           |          |         |     |             |          |         |           |         | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>                   | NaOH: Na                   |
| SAMPLE RECEI        | PT      | Ten     | p Blank:     | Yes No     | Wet Ice:       | Yes                    | Yes No No Parameters |               | 18         | DRO         | 4500     |         |     |             |          |         |           |         | H <sub>3</sub> PO <sub>4</sub> : HP                               |                            |
| Received Intact:    |         | Ye      | s) No        | Thermom    | eter ID:       |                        |                      | aran          | 3TEX 8021B | +           | de 4     |         | 1   |             |          |         |           | HOLD    | NaHSO <sub>4</sub> : NABIS  |                            |
| Cooler Custody Seal |         |         | No N/A       | Correction | n Factor:      | .,                     | ,,                   |               | TEX        | (GR         | Chloride |         |     |             |          |         | 1         | ¥       | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ; NaSO <sub>3</sub> |                            |
| Sample Custody Sea  | ıls:    | Yes     | No N/A       |            | ure Reading:   | 4                      |                      |               |            | 8015M ( GRO | 5        |         | 1 1 |             |          |         |           |         | Zn Acetate+NaOH   |                            |
| otal Containers:    |         |         |              | Corrected  | Temperature:   |                        |                      |               |            | н 80        |          |         | 1 1 |             |          |         |           | V -     | NaOH+Ascorbic A   | cid: SAPC                  |
| Sample Iden         |         | n       | Date         | Time       | Soil           | Water                  | Grab/<br>Comp        | # of<br>Cont  |            | TPH         |          |         |     |             |          |         |           |         | Sample Co   | mments                     |
| CS-6                |         |         | 8/30/2023    |            | х              |                        | Comp                 | 1             | х          | x           | х        |         |     |             |          |         |           | 1       |   |                            |
| CS-8                |         |         | 8/30/2023    |            | х              |                        | Comp                 | 1             | х          | х           | х        |         |     |             |          |         | 1         | 2       |   |                            |
| CS-8                | 100     |         | 8/30/2023    |            | Х              |                        | Comp                 | 1             | х          | Х           | х        |         |     |             |          |         |           | 3       |   |                            |
| CS-8                |         |         | 8/30/2023    |            | х              |                        | Comp                 | 1             | х          | х           | х        |         |     |             |          |         |           | 4       |   |                            |
| CS-8                |         |         | 8/30/2023    |            | X              |                        | Comp                 | 1             | x          | X           | х        |         |     |             |          |         |           | 5       |   |                            |
| CS-8                |         |         | 8/30/2023    |            | х              |                        | Comp                 | 1             | х          | x           | х        |         |     |             |          | 12 - 14 |           | 6       |   |                            |
| CS-8                | 36      |         | 8/30/2023    |            | х              |                        | Comp                 | 1             | x          | X           | х        |         |     |             |          | 0 = 16  |           | 7       |   |                            |
| CS-8                |         |         | 8/30/2023    |            | х              |                        | Comp                 | 1             | x          | х           | х        |         |     |             |          |         |           | 8       |   |                            |
| CS-8                | 38      |         | 8/30/2023    | 0          | х              |                        | Comp                 | 1             | х          | х           | х        |         |     |             |          |         |           | 9       |   |                            |
| CS-8                | 39      |         | 8/30/2023    |            | х              |                        | Comp                 | 1             | х          | x           | х        |         |     |             |          |         |           | 10      |   |                            |
| Additio             | onal Co | mment   | s:           |            |                |                        |                      |               |            |             |          |         |     |             |          |         |           |         |   |                            |
|                     |         |         |              |            |                |                        |                      |               |            |             |          |         |     |             |          |         |           |         |   |                            |

Relinquished by: (Signature)

Received by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received b

### **Chain of Custody**



Work Order No: <u>E308234</u>
JOB # D1058-0007

| Project Manager:     | Ethan Sessums  |           |              |                         | Bill to: (if different)       |               |              | Wesley Mathews            |             |      |       |                                    |    |   | Work Order Comments |   |   |      |   |                            |
|----------------------|--|-----------|--------------|-------------------------|-------------------------------|---------------|--------------|---------------------------|-------------|------|-------|------------------------------------|----|---|---------------------|---|---|------|---|----------------------------|
| Company Name:        | NTG Environmental  |           |              |                         | Company                       |               | Devon Energy |                           |             |      |       |                                    |    | Program: UST/PST PRP Brownfields RRC uperfund     |                     |   |   |      |   |                            |
| Address:             | 402 E Wood Ave   |           |              |                         | Address:                      |               |              | 6488 Seven Rivers Highway |             |      |       |                                    |    | State of Project:                                 |                     |   |   |      |   |                            |
| City, State ZIP:     | Carlsbad, NM 88220   |           |              |                         | City, Star                    | te ZIP:       |              | Artesia, NM 88210         |             |      |       |                                    |    | Reporting:Level II Level III PST/UST RRP Level IV |                     |   |   |      |   |                            |
| Phone:               | 254-266-5456   |           |              |                         | ail: Wesley.Mathews@dvn.com   |               |              |                           |             |      |       | Deliverables: EDD ☐ ADaPT ☐ Other: |    |   |                     |   |   |      |   |                            |
| Project Name:        | Thistle Unit #46H Tu   |           |              |                         | rn Around                     |               |              | ANALYSIS R                |             |      |       |                                    |    | IS RE   | EQUEST              |   |   |      | Preservative Codes                              |                            |
| roject Number:       | 237481   |           |              | Routine                 |                               |               |              |                           |             |      |       |                                    |    |   |                     |   |   |      | None: NO  | DI Water: H <sub>2</sub> C |
| Project Location     | Lea Co. NM   |           |              | Due Date:               | 48hr<br>e day received by the |               | Code         |                           |             |      |       |                                    |    |   |                     |   |   |      | Cool: Cool                                      | MeOH: Me                   |
| ampler's Name:       |  |           |              |                         |                               |               |              |                           | MRO)        |      |       |                                    |    | 1   | 11 - 11             |   |   | - 1  | HCL: HC HNO <sub>3</sub> :                      | HNO <sub>3</sub> : HN      |
| PO #:                |  |           |              | lab, if received by 4:3 |                               | by 4:30pm     |              |                           | +           | 1    |       |                                    |    |   |                     |   |   |      | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> | NaOH: Na                   |
| SAMPLE RECEI         | Temp Blank:  |           | Yes No       | Wet Ice:                | Yes No                        |               | arameters    | 8                         | DRO         | 4500 |       | 1                                  |    |   | 1                   |   |   |      | H <sub>3</sub> PO <sub>4</sub> : HP             |                            |
| leceived Intact:     |  |           | Thermon      | eter ID:                |                               |               | arar         | BTEX 8021B                | 4 02        | de 4 |       |                                    |    |   |                     |   |   | НОГР | NaHSO <sub>4</sub> : NABIS                      |                            |
| Cooler Custody Seals | The state of the s |           | 111          |                         | Δ.                            | EX EX         | (GF          | Chloride                  |             |      |       |                                    |    |   |                     | Ĩ | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |      |   |                            |
| Sample Custody Seal  |  |           |              | ture Reading:           | 4                             |               |              |                           | 8015M ( GRO | O    |       |                                    |    |   |                     |   |   |      | Zn Acetate+NaOH:                                |                            |
| otal Containers:     | Corrected  |           | Temperature: |                         |                               |               |              | TPH 80                    |             |      |       |                                    |    |   |                     |   | NaOH+Ascorbic Acid: SAPC  |      |   |                            |
| Sample Iden          |  |           | Time         | Soil                    | Water                         | Grab/<br>Comp | # of<br>Cont |                           | TF          |      |       |                                    |    |   |                     |   |   |      | Sample (  | Comments                   |
| CS-9                 | (7)  | 8/30/2023 |              | х                       |                               | Comp          | 1            | x                         | X           | х    |       |                                    |    |   |                     |   |   | 11   |   |                            |
| CS-9                 |  | 8/30/2023 |              | X                       |                               | Comp          | 1            | X                         | х           | х    | 7 4   |                                    |    |   |                     |   |   | 12   |   |                            |
| CS-9                 |  | 8/30/2023 |              | х                       | -                             | Comp          | 1            | X                         | х           | х    |       |                                    |    |   |                     |   |   | 13   |   |                            |
| CS-9                 | S-   | 8/30/2023 |              | x                       |                               | Comp          | 1            | X                         | x           | х    |       |                                    |    |   |                     |   |   | 14   |   |                            |
| CS-9                 | 6.37   | 8/30/2023 |              | X                       |                               | Comp          | 1            | х                         | X           | Х    | 7 - 8 |                                    |    |   |                     |   |   | 15   |   |                            |
| CS-9                 |  | 8/30/2023 |              | х                       |                               | Comp          | 1            | X                         | х           | х    |       |                                    |    |   |                     |   | 4   | 16   |   |                            |
| CS-9                 |  | 8/30/2023 |              | X                       |                               | Comp          | 1            | X                         | х           | х    |       |                                    |    |   |                     |   |   | 17   |   |                            |
| CS-9                 |  | 8/30/2023 |              | х                       |                               | Comp          | 1            | X                         | ×           | X    |       |                                    | 31 |   |                     |   |   | 18   |   |                            |
| CS-9                 |  | 8/30/2023 | 7            | х                       |                               | Comp          | 1            | Х                         | x           | х    |       |                                    |    |   |                     |   |   | 19   |   |                            |
| CS-9                 | 9  | 8/30/2023 |              | х                       |                               | Comp          | 1            | X                         | ×           | X    |       |                                    |    |   |                     |   |   | 20   | >   |                            |
| Additio              | nal Com  | ments.    |              |                         |                               |               |              |                           |             |      |       |                                    |    |   |                     |   |   |      |   |                            |

Relinquished by: (Signature)

Received by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received by: (Signature)

Date/Time

Relinquished by: (Signature)

Received b



| Project Manager:  | Ethan Sessums      |     |                           |            |                           | Bill to: (if different) |               |                           | Wesley Mathews |             |               |     |  |      |   | Work Order Comments |          |   |   |            |
|---|--------------------|-----|---------------------------|------------|---------------------------|-------------------------|---------------|---------------------------|----------------|-------------|---------------|-----|--|------|---|---------------------|----------|---|---|------------|
| Company Name:   | NTG Environmental  |     |                           |            | Company Name:             |                         |               | Devon Energy              |                |             |               |     |  |      | Program: UST/PST PRP Brownfields RRC uperfund |                     |          |   |   |            |
| Address:  | 402 E Wood Ave     |     |                           |            | Address:                  |                         |               | 6488 Seven Rivers Highway |                |             |               |     |  |      | State of Project:                             |                     |          |   |   |            |
| City, State ZIP:  | Carlsbad, NM 88220 |     |                           |            | City, Stat                | Artesia, NM 88210       |               |                           |                |             |               |     | Reporting:Level II  Level III  PST/UST  TRRP  Level IV |      |   |                     |          |   |   |            |
| Phone:  | 254-266-5456       |     |                           | Email:     | ail: Wesley.Mathews@dvn.c |                         |               |                           |                |             |               |     |  |      | Deliverables: EDD ☐ ADaPT ☐ Other:            |                     |          |   |   |            |
| Project Name:   | Thistle Unit #46H  |     |                           | Turi       | Turn Around               |                         |               | ANALYSIS                  |                |             |               |     |  | REQU | REQUEST Preservativ                           |                     |          |   | ve Codes  |            |
| Project Number:   | 237481             |     | Routine                   | ✓ Rush     |                           | Pres.<br>Code           |               |                           |                |             |               |     |  |      |   |                     | None: NO | DI Water: H <sub>2</sub> O                      |   |            |
| Project Location  | Lea Co. NM         |     |                           | Due Date:  | 48hr                      |                         |               |                           |                | 7 1/2       |               |     |  |      |   |                     |          | Cool: Cool                                      | MeOH: Me  |            |
| Sampler's Name:   | Kellan Smith       |     | TAT starts the day receiv |            |                           |                         |               | MRO)                      |                |             |               | 1 1 |  |      |   | HCL HC HNO3: HN     |          |   |   |            |
| PO #:   |                    | 2   | 1211758                   |            | lab, if rece              | eived by 4:30pm         |               | 2                         |                | +           |               |     |  | 4 1  |   |                     |          | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> | SO <sub>4</sub> : H <sub>2</sub> NaOH: Na                         |            |
|   |                    | Tem | p Blank:                  | Yes No     | Wet Ice:                  | Yes No                  |               | nete                      | 18             | DRO         | 200           |     |  |      | 1 1   |                     |          |   | H <sub>3</sub> PO <sub>4</sub> : HP                               |            |
| Received Intact:  |                    |     | s) No                     | Thermom    |                           |                         |               | Parameters                | BTEX 8021B     | 402         | Chloride 4500 |     |  |      |   |                     |          | HOLD  | NaHSO <sub>4</sub> . NABIS  |            |
|   |                    | Yes |                           | Correction |                           |                         |               | а.                        | E E            | ( 6         | hlor          |     |  |      |   |                     |          | Ĭ   | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> . NaSO <sub>3</sub> |            |
| Cooler Custody Seals:<br>Sample Custody Seals:<br>Total Containers: |                    | Yes | No N/A                    |            |                           |                         |               | b l                       |                | 8015M ( GRO | O             |     |  |      |   |                     |          |   | Zn Acetate+NaOH: Zn   |            |
| Total Containers:   |                    |     |                           | Corrected  | Temperature:              |                         |               |                           |                | Н 80        | ) - b         |     |  |      |   |                     |          |   | NaOH+Ascorbic A   | Acid: SAPC |
| Sample Ide  | ntificatio         | on  | Date                      | Time       | Soil                      | Water                   | Grab/<br>Comp | # of<br>Cont              |                | ТРН         |               |     |  |      |   |                     |          |   | Sample Co   | omments    |
| CS-1  | 00                 |     | 8/30/2023                 |            | х                         |                         | Comp          | 1                         | х              | ×           | х             |     |  |      |   |                     |          | 21  |   |            |
| CS-1  | 01                 |     | 8/30/2023                 |            | x                         |                         | Comp          | 1                         | х              | х           | х             |     |  |      |   |                     |          | 22  |   |            |
| CS-1  | 02                 |     | 8/30/2023                 |            | x                         |                         | Comp          | 1                         | ×              | X           | Х             |     |  |      |   |                     |          | 23  | ,   |            |
| CS-1  | 03                 |     | 8/30/2023                 |            | X                         |                         | Comp          | 1                         | х              | x           | х             |     |  |      |   |                     |          | 24  |   |            |
| CS-1  | 04                 |     | 8/30/2023                 |            | х                         | J                       | Comp          | 1                         | х              | x           | х             |     |  |      |   | 7-112               |          | 25  |   |            |
| CS-1  | 05                 |     | 8/30/2023                 |            | х                         |                         | Comp          | 1                         | х              | x           | х             |     |  |      |   |                     |          | 26  |   |            |
| CS-1  | 06                 |     | 8/30/2023                 |            | х                         |                         | Comp          | 1                         | x              | ×           | х             |     |  |      |   |                     |          | 27  |   |            |
| SW-   | 1B                 |     | 8/30/2023                 |            | x                         |                         | Comp          | 1                         | x              | ×           | х             |     |  |      |   |                     |          | 28  |   |            |
| SW-   | 7B                 |     | 8/30/2023                 |            | х                         |                         | Comp          | 1                         | ×              | ×           | х             |     |  |      |   |                     |          | 29  |   |            |
| SW-1  | 13B                |     | 8/30/2023                 |            | х                         |                         | Comp          | 1                         | x              | х           | x             |     |  |      |   |                     |          | 20  |   |            |

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                            | Middle Course            | 8-31-23 1025 | Emidelle Cuylo               | Andrew misso             | 8.31.15 2000 |
| 3 ardren messo               | Caeth Man                | 9/1/23 5:45  | 4                            |                          |              |
| 5                            |                          |              | 6                            |                          |              |

Received by OCD: 11/16/2023 1:51:12 PM

# **Chain of Custody**



Work Order No: <u>E308234</u> Job # 01058-0007

|                    |          |           |              |            |                | am out all   |               |               | 5000   |         | ALCO AND TO   |         |     |         |                   |        |       |       |   |                        |
|--------------------|----------|-----------|--------------|------------|----------------|--------------|---------------|---------------|--------|---------|---------------|---------|-----|---------|-------------------|--------|-------|-------|---|------------------------|
| roject Manager:    | 7.77     | n Sessums | 72.7         |            |                | Bill to: (if | different)    |               |        | ey Mati |               |         |     |         |                   |        |       |       | Comments  |                        |
| company Name:      | NTG      | Environm  | ental        |            |                | Company      | / Name:       |               | Devo   | Energ   | 9У            |         |     |         |                   |        | T PRP | Brown | nfields RRC up  | erfund [               |
| ddress:            | 402 E    | Wood A    | /e           |            |                | Address:     |               |               | 6488   | Seven   | Rivers        | Highway |     |         | State of Pr       |        |       | _     |   |                        |
| ity, State ZIP:    | Carls    | bad, NM 8 | 8220         |            |                | City, Stat   | e ZIP:        |               | Artesi | a, NM   | 88210         |         |     |         | The second second |        |       |       | /UST TRRP L   | evel IV L              |
| hone:              | 254-2    | 266-5456  |              |            | Email:         | Wesley.      | Mathews       | @dvn.c        | com    |         |               |         |     |         | Deliverable       | s: EDD | Ш     | ADaP* | Γ □ Other:  |                        |
| roject Name:       |          | Thist     | le Unit #46H |            | Turr           | Around       |               |               |        |         |               |         | ANA | LYSIS F | EQUEST            |        |       |       | Preservative C  | odes                   |
| roject Number:     |          |           | 237481       |            | Routine        | ✓ Rush       | 1             | Pres.<br>Code |        |         |               |         |     |         |                   |        |       |       | None: NO DI W   | ater: H <sub>2</sub> O |
| roject Location    |          | Le        | a Co. NM     |            | Due Date:      | 48           | Bhr           |               |        |         |               |         |     |         |                   |        |       |       | Cool: Cool MeO  | H: Me                  |
| ampler's Name:     |          | Ke        | llan Smith   |            | TAT starts the |              |               |               |        | MRO)    |               |         |     |         |                   |        |       |       | HCL: HC HNO   | 3: HN                  |
| O #:               |          | 2         | 1211758      |            | lab, if rece   | eived by 4:3 | 0pm           | 2             |        | +       |               |         |     |         |                   |        |       |       | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> NaO               | H: Na                  |
| AMPLE RECE         | IPT      | Tem       | p Blank:     | Yes No     | Wet Ice:       | Yes          | ) No          | nete          | 8      | DRO     | 200           |         |     | 1 1     |                   |        |       |       | H₃PO₄: HP   |                        |
| eceived Intact:    |          | Ye        | s) No        | Thermome   | eter ID:       |              |               | arameters     | 8021B  | + 02    | Chloride 4500 |         |     | 1 1     |                   |        |       | НОГР  | NaHSO₄: NABIS   |                        |
| cooler Custody Sea |          | Yes       |              | Correction | Factor:        |              |               | •             | TEX    | (GRO    | hlori         |         |     | 1       |                   |        |       | ĭ     | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |                        |
| ample Custody Se   | als:     | Yes       | No N/A       | TA BURSTON | ure Reading:   | 4            |               |               | _ B    | 8015M   | Ö             |         |     |         |                   |        |       |       | Zn Acetate+NaOH: Zn   |                        |
| otal Containers:   |          |           |              | Corrected  | Temperature:   | ,            |               |               |        |         |               |         |     | 1       |                   |        |       |       | NaOH+Ascorbic Acid:   | SAPC                   |
| Sample Ide         | ntificat | ion       | Date         | Time       | Soil           | Water        | Grab/<br>Comp | # of<br>Cont  |        | ТРН     |               |         |     |         |                   |        |       |       | Sample Comm   | ents                   |
| SW-                | 15B      |           | 8/30/2023    |            | х              |              | Comp          | 1             | x      | х       | x             |         |     |         |                   |        |       | 31    |   |                        |
| SW-                | 16B      |           | 8/30/2023    |            | X              |              | Comp          | 1             | X      | х       | х             |         |     |         |                   |        |       | 32    |   |                        |
| SW-                | 17B      |           | 8/30/2023    |            | Х              |              | Comp          | 1             | х      | x       | x             |         |     |         |                   |        |       | 33    |   |                        |
| SW-                | 18B      |           | 8/30/2023    |            | х              |              | Comp          | 1             | х      | х       | х             |         |     |         |                   |        |       | 34    |   |                        |
| SW-                | 20B      |           | 8/30/2023    |            | X              |              | Comp          | 1             | х      | х       | х             |         |     |         |                   |        |       | 35    |   |                        |
| SW                 | -42      |           | 8/30/2023    |            | х              |              | Comp          | 1             | x      | X       | х             |         |     |         |                   |        |       | 36    |   |                        |
| SW                 | -47      |           | 8/30/2023    |            | x              |              | Comp          | 1             | x      | х       | х             |         |     |         |                   |        |       | 37    |   |                        |
| SW                 | -48      |           | 8/30/2023    |            | х              |              | Comp          | 1             | x      | x       | х             |         |     |         |                   |        |       | 38    |   |                        |

| Additiona | Comment | s: |
|-----------|---------|----|
|-----------|---------|----|

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 Pa                         | Michiel Laure            | 831-23 1025 | Michell Cans                 | Andrew mass              | 8.31.23 Zoex |
| 3 Andra M.550                | Carth Man                | 9/1/23 5:45 | 4                            |                          |              |
| 5                            |                          |             | 6                            |                          |              |

Received by OCD: 11/16/2023 1:51:12 PM

envirotech Inc.

Printed: 9/1/2023 10:07:54AM

## **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:      | NTG-New Tech Global Environmental  | Date Received:     | 09/01/23 05:4 | 15             | Work Order           | ID:         | E308234         |
|--------------|--|--------------------|---------------|----------------|----------------------|-------------|-----------------|
| Phone:       | (281) 872-9300   | Date Logged In:    | 08/31/23 14:1 | 6              | Logged In B          | ly:         | Caitlin Mars    |
| Email:       | esessums@ntglobal.com  | Due Date:          | 09/05/23 17:0 | 00 (1 day TAT) |                      |             |                 |
| Chain of     | Custody (COC)  |                    |               |                |                      |             |                 |
| 1. Does th   | e sample ID match the COC?   |                    | Yes           |                |                      |             |                 |
| 2. Does th   | e number of samples per sampling site location ma  | tch the COC        | Yes           |                |                      |             |                 |
|              | imples dropped off by client or carrier?   |                    | Yes           | Carrier: C     | <u>Courier</u>       |             |                 |
|              | e COC complete, i.e., signatures, dates/times, reques  | sted analyses?     | No            |                |                      |             |                 |
| 5. Were al   | l samples received within holding time?<br>Note: Analysis, such as pH which should be conducted in<br>i.e, 15 minute hold time, are not included in this disucssi                                    |                    | Yes           |                | <u>Com</u>           | <u>ment</u> | ts/Resolution   |
| Sample T     | urn Around Time (TAT)  |                    |               |                |                      |             |                 |
| 6. Did the   | COC indicate standard TAT, or Expedited TAT?   |                    | Yes           |                | Time sampled not p   | rovi        | ided on COC per |
| Sample C     | <u>ooler</u>   |                    |               |                | client. SRC email no | ot se       | ent per client  |
| 7. Was a s   | ample cooler received?   |                    | Yes           |                | request.             |             |                 |
| 8. If yes, v | vas cooler received in good condition?   |                    | Yes           |                | •                    |             |                 |
| 9. Was the   | 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            |                |                      |             |                 |
|              | e sample received on ice? If yes, the recorded temp is 4°C,<br>Note: Thermal preservation is not required, if samples ar<br>minutes of sampling<br>isible ice, record the temperature. Actual sample | re received w/i 15 | Yes           |                |                      |             |                 |
| Sample C     | ontainer   | · —                | _             |                |                      |             |                 |
|              | ueous 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            |                |                      |             |                 |
|              | on-VOC samples collected in the correct containers   | ?                  | Yes           |                |                      |             |                 |
|              | ppropriate volume/weight or number of sample contain   |                    | Yes           |                |                      |             |                 |
| Field Lab    | <u>el</u>  |                    |               |                |                      |             |                 |
|              | Tield sample labels filled out with the minimum info   | ormation:          |               |                |                      |             |                 |
| Sa           | imple ID?  |                    | Yes           |                |                      |             |                 |
|              | ate/Time Collected?  |                    | Yes           | '              |                      |             |                 |
|              | ollectors name?  |                    | No            |                |                      |             |                 |
|              | reservation  |                    | NT.           |                |                      |             |                 |
|              | he COC or field labels indicate the samples were pr  | reserveu?          | No            |                |                      |             |                 |
|              | mple(s) correctly preserved?<br>filteration required and/or requested for dissolved n  | notala?            | NA<br>N-      |                |                      |             |                 |
|              | 1  | netals:            | No            |                |                      |             |                 |
|              | se Sample Matrix   | o.                 |               |                |                      |             |                 |
|              | he sample have more than one phase, i.e., multipha   |                    | No            |                |                      |             |                 |
| 27. If yes,  | does the COC specify which phase(s) is to be analy   | yzed?              | NA            |                |                      |             |                 |
| Subcontra    | act Laboratory   |                    |               |                |                      |             |                 |
| 28. Are sa   | mples required to get sent to a subcontract laborato   | ory?               | No            |                |                      |             |                 |
| 29. Was a    | subcontract laboratory specified by the client and it  | f so who?          | NA Su         | bcontract Lab  | : na                 |             |                 |
| Client In    | <u>struction</u>   |                    |               |                |                      |             |                 |
|              |  |                    |               |                |                      | —           |                 |
|              |  |                    |               |                |                      |             |                 |
|              |  |                    |               |                |                      |             |                 |
|              |  |                    |               |                |                      |             |                 |
|              |  |                    |               |                |                      |             |                 |
|              |  |                    |               |                |                      |             |                 |
|              |  |                    |               |                |                      |             |                 |
|              |  |                    |               |                |                      |             |                 |
|              |  |                    |               |                |                      |             |                 |

Date

Signature of client authorizing changes to the COC or sample disposition.



July 21, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE 44 AND 46

Enclosed are the results of analyses for samples received by the laboratory on 07/19/23 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\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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

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

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: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

## Sample ID: CS - 1 2.5' (H233760-01)

| 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           | 07/19/2023 | ND           | 2.20 | 110        | 2.00          | 2.34 |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 2.18 | 109        | 2.00          | 1.67 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 2.31 | 115        | 2.00          | 1.63 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.92 | 115        | 6.00          | 2.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 120    | % 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                             | 240    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09 |           |
| DRO >C10-C28*                        | 2090   | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40 |           |
| EXT DRO >C28-C36                     | 497    | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 106    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 135    | % 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 & Keene



#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 2 2.5' (H233760-02)

| 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           | 07/19/2023 | ND           | 2.20 | 110        | 2.00          | 2.34 |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 2.18 | 109        | 2.00          | 1.67 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 2.31 | 115        | 2.00          | 1.63 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.92 | 115        | 6.00          | 2.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 118    | % 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                             | 400    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09 |           |
| DRO >C10-C28*                        | 926    | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40 |           |
| EXT DRO >C28-C36                     | 170    | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 67.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 83.5   | % 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. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 3 2.5' (H233760-03)

| 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           | 07/19/2023 | ND           | 2.20 | 110        | 2.00          | 2.34 |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 2.18 | 109        | 2.00          | 1.67 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 2.31 | 115        | 2.00          | 1.63 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.92 | 115        | 6.00          | 2.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 116    | % 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            | 07/20/2023 | 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            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09 |           |
| DRO >C10-C28*                        | 379    | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40 |           |
| EXT DRO >C28-C36                     | 73.0   | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 50.3   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 66.9   | % 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 & Keene



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 4 2.5' (H233760-04)

| 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           | 07/19/2023      | ND           | 2.20 | 110        | 2.00          | 2.34 |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023      | ND           | 2.18 | 109        | 2.00          | 1.67 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023      | ND           | 2.31 | 115        | 2.00          | 1.63 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023      | ND           | 6.92 | 115        | 6.00          | 2.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 119    | % 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                             | 704    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 162  | 80.8       | 200           | 5.09 |           |
| DRO >C10-C28*                        | 2140   | 10.0            | 07/20/2023      | ND           | 172  | 86.1       | 200           | 1.40 |           |
| EXT DRO >C28-C36                     | 599    | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 112    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 123    | % 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. Keine



#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 5 2.5' (H233760-05)

| 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           | 07/19/2023 | ND           | 2.20 | 110        | 2.00          | 2.34 |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 2.18 | 109        | 2.00          | 1.67 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 2.31 | 115        | 2.00          | 1.63 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.92 | 115        | 6.00          | 2.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | 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                             | 144    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09 |           |
| DRO >C10-C28*                        | 422    | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40 |           |
| EXT DRO >C28-C36                     | 64.0   | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 118    | % 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. Keine



Shari Cisneros

Sample Received By:

## Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 6 2.5' (H233760-06)

| 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           | 07/19/2023 | ND           | 2.20 | 110        | 2.00          | 2.34 |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 2.18 | 109        | 2.00          | 1.67 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 2.31 | 115        | 2.00          | 1.63 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.92 | 115        | 6.00          | 2.00 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | 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                             | 128    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09 |           |
| DRO >C10-C28*                        | 247    | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40 |           |
| EXT DRO >C28-C36                     | 47.7   | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 107    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121    | % 49.1-14       | 18         |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

## 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. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Reported: 07/21/2023

e: THISTLE 44 AND 46

Project Name: THISTLI Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

#### Sample ID: CS - 7 2.5' (H233760-07)

| 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           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  | QR-03     |
| Toluene*                             | 0.170  | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | 0.146  | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  | QR-03     |
| Total Xylenes*                       | 0.989  | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | 1.31   | 0.300           | 07/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 127    | % 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            | 07/20/2023 | 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*                          | 33.2   | 10.0            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | 1350   | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | 252    | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 111    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 49.1-14       | 18         |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

#### **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. Keine



Cool & Intact

Shari Cisneros

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition:
Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

## Sample ID: CS - 8 2.5' (H233760-08)

| 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           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050  | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | < 0.050 | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150  | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300  | 0.300           | 07/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 111 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                             | 80.0    | 16.0            | 07/20/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,     | /kg             | Analyze    | ed By: MS    |      |            |               |       | S-04      |
| Analyte                              | Result  | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0   | 10.0            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | 329     | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | 108     | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 116     | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 152     | % 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



Sample Received By:

Shari Cisneros

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 9 2.5' (H233760-09)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 108    | % 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            | 07/20/2023 | 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            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | 290    | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | 59.2   | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 111    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 138    | % 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 inclured by client; is 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. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 10 2.5' (H233760-10)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 110    | % 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            | 07/20/2023 | 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            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 111    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 127    | % 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. Keine



Sampling Condition:

Sample Received By:

07/19/2023

Cool & Intact

Shari Cisneros

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date:

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46
Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 11 2.5' (H233760-11)

RTFY 8021R

| DIEX 0021B                           | ilig/  | ку              | Allalyze   | u by: M3     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | 0.310  | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | 0.374  | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | 2.95   | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | 3.64   | 0.300           | 07/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 132 %  | 6 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | RS   | % Recovery | True Value OC | RPD   | Qualifier |

Applyzod By: MC

| Chloride, Shi4300Cl-B | ilig   | / Ng            | Allalyze   | u by. AC     |     |            |               |      |           |
|-----------------------|--------|-----------------|------------|--------------|-----|------------|---------------|------|-----------|
| Analyte               | Result | Reporting Limit | Analyzed   | Method Blank | BS  | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride              | 256    | 16.0            | 07/20/2023 | 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*           | 66.9   | 10.0            | 07/20/2023 | ND           | 162 | 80.8       | 200           | 5.09 |           |
| DRO >C10-C28*         | 3580   | 10.0            | 07/20/2023 | ND           | 172 | 86.1       | 200           | 1.40 |           |
| EXT DRO >C28-C36      | 790    | 10.0            | 07/20/2023 | ND           |     |            |               |      |           |
|                       |        |                 |            |              |     |            |               |      |           |

Surrogate: 1-Chlorooctane 113 % 48.2-134 Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 12 2.5' (H233760-12)

| 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           | 07/19/2023      | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023      | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023      | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023      | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9  | 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                             | 128    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | 13.3   | 10.0            | 07/20/2023      | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 109 9  | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 119 9  | 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 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 13 2.5' (H233760-13)

RTFY 8021R

| B1EX 8021B                           | mg     | <sup>и</sup> кд | Anaiyze    | а ву: м5     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | 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                             | 1020   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | 166    | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | 39.6   | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 106    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109    | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

## Sample ID: CS - 14 2.5' (H233760-14)

| 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           | 07/20/2023      | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 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                             | 864    | 16.0            | 07/20/2023      | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |       | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 07/20/2023      | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | 915    | 10.0            | 07/20/2023      | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | 183    | 10.0            | 07/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 104    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 158    | % 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.

Celeg D. Keene



#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 15 2.5' (H233760-15)

RTFY 8021R

| B1EX 8021B                           | mg     | <sup>и</sup> кд | Anaiyze    | а ву: м5     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112    | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 1880   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | 473    | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | 83.5   | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 114    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 115    | % 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 & Keene



#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 16 2.5' (H233760-16)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109    | % 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            | 07/20/2023 | 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            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | 29.8   | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 114    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 126    | % 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. Keine



#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 17 2.5' (H233760-17)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 111    | % 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                             | 1420   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | 436    | 10.0            | 07/20/2023 | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | 80.9   | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 112    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 122    | % 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. Keine



Sample Received By:

Shari Cisneros

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 18 2.5' (H233760-18)

| 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           | 07/19/2023      | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023      | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023      | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023      | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 115    | % 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                             | 1660   | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | 1750   | 10.0            | 07/20/2023      | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | 401    | 10.0            | 07/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 103    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 117    | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 19 2.5' (H233760-19)

| 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           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050  | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | < 0.050 | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150  | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300  | 0.300           | 07/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 110     | % 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            | 07/20/2023 | 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            | 07/21/2023 | ND           | 162  | 80.8       | 200           | 5.09  |           |
| DRO >C10-C28*                        | <10.0   | 10.0            | 07/21/2023 | ND           | 172  | 86.1       | 200           | 1.40  |           |
| EXT DRO >C28-C36                     | <10.0   | 10.0            | 07/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 104     | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 119     | % 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. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 20 2.5' (H233760-20)

| 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           | 07/19/2023      | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023      | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023      | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023      | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 110 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                             | 864    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 175  | 87.7       | 200           | 2.08  |           |
| DRO >C10-C28*                        | 19.0   | 10.0            | 07/20/2023      | ND           | 184  | 91.8       | 200           | 4.16  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.0   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 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



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 21 2.5' (H233760-21)

| 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           | 07/19/2023      | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023      | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023      | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023      | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 108    | % 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                             | 816    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 175  | 87.7       | 200           | 2.08  |           |
| DRO >C10-C28*                        | 129    | 10.0            | 07/20/2023      | ND           | 184  | 91.8       | 200           | 4.16  |           |
| EXT DRO >C28-C36                     | 18.5   | 10.0            | 07/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 124    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 147    | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 22 2.5' (H233760-22)

| 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           | 07/19/2023      | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023      | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023      | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023      | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109 5  | % 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                             | 3040   | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 175  | 87.7       | 200           | 2.08  |           |
| DRO >C10-C28*                        | 638    | 10.0            | 07/20/2023      | ND           | 184  | 91.8       | 200           | 4.16  |           |
| EXT DRO >C28-C36                     | 163    | 10.0            | 07/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 122 9  | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 126    | % 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



Cool & Intact

Shari Cisneros

Sampling Condition:

Sample Received By:

## Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Number: 226502

THISTLE 44 AND 46

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 23 2.5' (H233760-23)

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           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 110    | % 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                             | 2720   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 175  | 87.7       | 200           | 2.08  |           |
| DRO >C10-C28*                        | 912    | 10.0            | 07/20/2023 | ND           | 184  | 91.8       | 200           | 4.16  |           |
| EXT DRO >C28-C36                     | 226    | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 93.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 99.3   | % 49.1-14       | 18         |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

## 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



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 24 2.5' (H233760-24)

| 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           | 07/19/2023      | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023      | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023      | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023      | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 107    | % 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                             | 832    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 175  | 87.7       | 200           | 2.08  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023      | ND           | 184  | 91.8       | 200           | 4.16  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 120    | % 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.

Celeg D. Freene



#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

## Sample ID: CS - 25 2.5' (H233760-25)

| BTEX 8021B                           | mg     | /kg             | Analyze         | Analyzed By: MS |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank    | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/19/2023      | ND              | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023      | ND              | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023      | ND              | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023      | ND              | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023      | ND              |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109    | % 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                             | 960    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND              | 175  | 87.7       | 200           | 2.08  |           |
| DRO >C10-C28*                        | 2890   | 10.0            | 07/20/2023      | ND              | 184  | 91.8       | 200           | 4.16  |           |
| EXT DRO >C28-C36                     | 768    | 10.0            | 07/20/2023      | ND              |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.4   | % 48.2-13       | 4               |                 |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 113    | % 49.1-14       | 18              |                 |      |            |               |       |           |

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. Keine



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

## Sample ID: CS - 26 2.5' (H233760-26)

| 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           | 07/19/2023 | ND           | 1.96 | 97.9       | 2.00          | 2.73  |           |
| Toluene*                             | <0.050 | 0.050           | 07/19/2023 | ND           | 1.92 | 96.2       | 2.00          | 0.972 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/19/2023 | ND           | 1.91 | 95.5       | 2.00          | 2.21  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/19/2023 | ND           | 6.20 | 103        | 6.00          | 2.02  |           |
| Total BTEX                           | <0.300 | 0.300           | 07/19/2023 | 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                             | 80.0   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 175  | 87.7       | 200           | 2.08  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023 | ND           | 184  | 91.8       | 200           | 4.16  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 100    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 119    | % 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. Keine



07/19/2023

Soil

#### Analytical Results For:

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

Tux

Received: 07/19/2023 Sampling Date:
Reported: 07/21/2023 Sampling Type:

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 27 2.5' (H233760-27)

| 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           | 07/20/2023      | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 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            | 07/20/2023      | 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            | 07/20/2023      | ND           | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 628    | 10.0            | 07/20/2023      | ND           | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | 142    | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121 9  | % 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:

07/19/2023

Sampling Date: Sampling Type: 07/19/2023

Project Name:

Received:

Reported:

RTFY 8021R

07/21/2023 THISTLE 44 AND 46

Sampling Type: Sampling Condition: Soil

Duniont Number

226502

Sample Received By:

Cool & Intact Shari Cisneros

Project Number:

226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 28 2.5' (H233760-28)

| B1EX 8021B                           | mg/    | <u> </u>        | Allalyze   | а ву: м5     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 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                             | 224    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 44.9   | 10.0            | 07/20/2023 | ND           | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 103 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 120 9  | % 49.1-14       | 8          |              |      |            |               |      |           |

Applyzod By: MC

**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. Keine



07/19/2023

Soil

#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date:
Reported: 07/21/2023 Sampling Type:

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 29 2.5' (H233760-29)

| BTEX 8021B                           | mg/kg  |                 | Analyze    | Analyzed By: MS |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|-----------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023 | ND              | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND              | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND              | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND              | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 1800   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND              | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 16.9   | 10.0            | 07/20/2023 | ND              | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND              |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 127    | % 48.2-13       | 4          |                 |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 145    | % 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



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 30 2.5' (H233760-30)

| BTEX 8021B                           | mg     | mg/kg           |                 | Analyzed By: MS |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023      | ND              | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND              | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND              | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND              | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | 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                             | 5200   | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND              | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 12.4   | 10.0            | 07/20/2023      | ND              | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND              |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 97.2   | % 48.2-13       | 4               |                 |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 113    | % 49.1-14       | '8              |                 |      |            |               |      |           |

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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. Keine



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 31 2.5' (H233760-31)

| 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           | 07/20/2023      | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | 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                             | 4240   | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 25.5   | 10.0            | 07/20/2023      | ND           | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 118    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 136    | % 49.1-14       | 18              |              |      |            |               |      |           |
|                                      |        |                 |                 |              |      |            |               |      |           |

## 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 & Keene



Shari Cisneros

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Name: THISTLE 44 AND 46 Sampling Condition:
Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 32 2.5' (H233760-32)

| BTEX 8021B  Analyte                  | mg/kg  |                 | Analyzed By: MS |              |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
|                                      | Result | Reporting Limit | Analyzed        | Method Blank | BS % | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | 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                             | 352    | 16.0            | 07/20/2023      | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/kg  |                 | Analyzed By: MS |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 07/20/2023      | ND           | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 169    | 10.0            | 07/20/2023      | ND           | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | 27.3   | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 123    | % 49.1-14       | 18              |              |      |            |               |      |           |

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



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 33 2.5' (H233760-33)

| BTEX 8021B  Analyte                  | mg/kg  |                 | Analyzed By: MS |              |          |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|----------|------------|---------------|------|-----------|
|                                      | Result | Reporting Limit | Analyzed        | Method Blank | BS % Rec | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.11     | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.06     | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 1.98     | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 5.97     | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | 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                             | 976    | 16.0            | 07/20/2023      | ND           | 416      | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/kg  |                 | Analyzed By: MS |              |          |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS       | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 07/20/2023      | ND           | 175      | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 80.5   | 10.0            | 07/20/2023      | ND           | 184      | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | 15.3   | 10.0            | 07/20/2023      | ND           |          |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 97.2   | % 48.2-13       | 4               |              |          |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 49.1-14       | 18              |              |          |            |               |      |           |

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. Keine



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 34 2.5' (H233760-34)

| 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           | 07/20/2023      | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | 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                             | 592    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 47.4   | 10.0            | 07/20/2023      | ND           | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 130 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 148 9  | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 35 2.5' (H233760-35)

| 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           | 07/20/2023 | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg/    | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 432    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 583    | 10.0            | 07/20/2023 | ND           | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | 239    | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 121 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 120 9  | % 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. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023 Reported: Soil

07/21/2023 Sampling Type: Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: Sample Received By: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 36 2.5' (H233760-36)

| 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           | 07/20/2023      | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | 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                             | 496    | 16.0            | 07/20/2023      | ND           | 416  | 104        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | kg              | Analyze         | d By: MS     |      |            |               |      | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 07/21/2023      | ND           | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 44.3   | 10.0            | 07/21/2023      | ND           | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/21/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 133 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 154 9  | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 37 2.5' (H233760-37)

| 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           | 07/20/2023 | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 1300   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 13.9   | 10.0            | 07/20/2023 | ND           | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 122    | % 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 & Keene



#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 38 2.5' (H233760-38)

| 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           | 07/20/2023 | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 4800   | 16.0            | 07/20/2023 | ND           | 416  | 104        | 400           | 3.77 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze    | d By: MS     |      |            |               |      | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 07/20/2023 | ND           | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 1280   | 10.0            | 07/20/2023 | ND           | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | 381    | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 135    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 132    | % 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.

Celeg D. Keene



#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 39 2.5' (H233760-39)

| 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           | 07/20/2023      | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 106    | % 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                             | 864    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 175  | 87.7       | 200           | 2.08 |           |
| DRO >C10-C28*                        | 12.7   | 10.0            | 07/20/2023      | ND           | 184  | 91.8       | 200           | 4.16 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 103    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 120    | % 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



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 40 2.5' (H233760-40)

| 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           | 07/20/2023      | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | 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                             | 1570   | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 57.8   | 10.0            | 07/20/2023      | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121 9  | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 41 2.5' (H233760-41)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 448    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 69.0   | 10.0            | 07/20/2023 | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 103    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121    | % 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



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 42 2.5' (H233760-42)

| 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           | 07/20/2023 | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 832    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 11.6   | 10.0            | 07/20/2023 | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 112    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 129    | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 43 2.5' (H233760-43)

| 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           | 07/20/2023 | ND           | 2.11 | 105        | 2.00          | 1.59 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.06 | 103        | 2.00          | 1.08 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.98 | 99.0       | 2.00          | 1.59 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 5.97 | 99.4       | 6.00          | 1.94 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 71.5-13       | 4          |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyze    | d By: AC     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 400    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 33.5   | 10.0            | 07/20/2023 | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 122    | % 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:

07/19/2023

Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil Sampling Condition: Cool & Intact

Sample Received By: Shari Cisneros

## Sample ID: CS - 44 2.5' (H233760-44)

Received:

| 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           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | 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                             | 320    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 52.9   | 10.0            | 07/20/2023      | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 123 9  | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

## Sample ID: CS - 45 2.5' (H233760-45)

| 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           | 07/20/2023 | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 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                             | 2760   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023 | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121    | % 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. Keine



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 46 2.5' (H233760-46)

| 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           | 07/20/2023 | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 1810   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 56.8   | 10.0            | 07/20/2023 | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104 5  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 123 9  | % 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: 07/19/2023

Sampling Date: 07/21/2023 Sampling Type:

Project Name: THISTLE 44 AND 46 Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

07/19/2023

Soil

#### Sample ID: CS - 47 2.5' (H233760-47)

Reported:

| 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           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 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                             | 1070   | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 77.9   | 10.0            | 07/20/2023      | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | 15.6   | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 107    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 130    | % 49.1-14       | 18              |              |      |            |               |      |           |

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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 48 2.5' (H233760-48)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 432    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023 | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 97.8   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 113    | % 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. Keine



#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 49 2.5' (H233760-49)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 880    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023 | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 98.5   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 114    | % 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. Keine



#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: MS

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 50 2.5' (H233760-50)

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           | 07/20/2023 | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 2640   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023 | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 118    | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 51 2.5' (H233760-51)

RTFY 8021R

| B1EX 8021B                           | mg     | / kg            | Anaiyze         | а ву: м5     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 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                             | 3360   | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023      | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 119    | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 52 2.5' (H233760-52)

| BTEX 8021B                           | mg     | /kg             | Analyze         | ed By: MS    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | 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                             | 992    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023      | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 115    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 133    | % 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. Keine



#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 53 2.5' (H233760-53)

| 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           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 5  | % 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                             | 1760   | 16.0            | 07/20/2023      | 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            | 07/21/2023      | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 52.3   | 10.0            | 07/21/2023      | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/21/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 127 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 147 9  | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

## Sample ID: CS - 54 2.5' (H233760-54)

| 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           | 07/20/2023 | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 352    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023 | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 100    | % 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



07/19/2023

Soil

#### Analytical Results For:

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

Received: 07/19/2023 Sampling Date:
Reported: 07/21/2023 Sampling Type:

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 55 2.5' (H233760-55)

| 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           | 07/20/2023 | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 976    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 60.8   | 10.0            | 07/20/2023 | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | 10.5   | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121    | % 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. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

ma/ka

#### Sample ID: CS - 56 5' (H233760-56)

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           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105    | % 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                             | 416    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023      | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 103    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121    | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Shari Cisneros Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

## Sample ID: CS - 57 5' (H233760-57)

| 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           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | 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                             | 864    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 14.9   | 10.0            | 07/20/2023      | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102 5  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 117 9  | % 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



Sample Received By:

Shari Cisneros

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 58 5' (H233760-58)

| 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           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104    | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 3360   | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 607    | 10.0            | 07/20/2023      | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | 231    | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 141    | % 49.1-14       | 18              |              |      |            |               |      |           |

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



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: CS - 59 3' (H233760-59)

| 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           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 105 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                             | 1720   | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 164  | 82.0       | 200           | 1.24 |           |
| DRO >C10-C28*                        | 23.8   | 10.0            | 07/20/2023      | ND           | 187  | 93.4       | 200           | 8.12 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 98.8   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116 9  | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 60 3' (H233760-60)

| 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           | 07/20/2023 | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 2640   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 107    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 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. Keine



#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Shari Cisneros Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 61 5' (H233760-61)

| 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           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | 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                             | 336    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 157  | 78.5       | 200           | 5.02 |           |
| DRO >C10-C28*                        | 11.3   | 10.0            | 07/20/2023      | ND           | 158  | 79.1       | 200           | 5.20 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 113 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 121 9  | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 62 5' (H233760-62)

| 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           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 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                             | 1010   | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 157  | 78.5       | 200           | 5.02 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023      | ND           | 158  | 79.1       | 200           | 5.20 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 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: 07/19/2023 Sampling Date: 07/19/2023 Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Shari Cisneros Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 63 5' (H233760-63)

| 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           | 07/20/2023      | ND           | 2.17 | 108        | 2.00          | 2.29 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.13 | 107        | 2.00          | 2.57 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.05 | 103        | 2.00          | 1.41 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.13 | 102        | 6.00          | 1.27 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 5  | % 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                             | 336    | 16.0            | 07/20/2023      | 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            | 07/20/2023      | ND           | 157  | 78.5       | 200           | 5.02 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023      | ND           | 158  | 79.1       | 200           | 5.20 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 107 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 109 9  | % 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: 07/19/2023

Reported: 07/21/2023 Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Shari Cisneros

## Sample ID: CS - 64 3' (H233760-64)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 1550   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 22.9   | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 110    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 124    | % 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



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 65 1' (H233760-65)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 336    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 173    | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 47.9   | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 106    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 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. Keine



Shari Cisneros

Sample Received By:

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: CS - 66 1' (H233760-66)

| 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           | 07/20/2023      | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023      | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023      | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023      | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 115    | % 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                             | 864    | 16.0            | 07/20/2023      | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg     | /kg             | Analyze         | ed By: MS    |      |            |               |       | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 07/20/2023      | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 935    | 10.0            | 07/20/2023      | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 221    | 10.0            | 07/20/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 108    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 151    | % 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 & Keens



# Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

#### Sample ID: SW - 1 0-2.5' (H233760-67)

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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 1220   | 16.0            | 07/20/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 4170   | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 1440   | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 108    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 183    | % 49.1-14       | 8          |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

Analyzed By: 1H /

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: 07/19/2023 Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Shari Cisneros

## Sample ID: SW - 2 0-2.5' (H233760-68)

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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 64.0   | 16.0            | 07/20/2023 | 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            | 07/21/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 115    | 10.0            | 07/21/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 29.0   | 10.0            | 07/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 118    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 141    | % 49.1-14       | 8          |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

Analyzed By: 1H /

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



Sample Received By:

07/19/2023

Shari Cisneros

#### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date:

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

#### Sample ID: SW - 3 0-2.5' (H233760-69)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 144    | 16.0            | 07/20/2023 | 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            | 07/21/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 16.0   | 10.0            | 07/21/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 107    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 124    | % 49.1-14       | 18         |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

## 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



Shari Cisneros

Sample Received By:

### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 4 0-2.5' (H233760-70)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 240    | 16.0            | 07/20/2023 | 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            | 07/21/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 20.8   | 10.0            | 07/21/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/21/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 104    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 120    | % 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 inclured by client; is 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. Kreene



Shari Cisneros

Sample Received By:

### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 5 0-2.5' (H233760-71)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | < 0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050  | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150  | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300  | 0.300           | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 116     | % 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            | 07/20/2023 | 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            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 235     | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 36.2    | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 113     | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 143     | % 49.1-14       | 18         |              |      |            |               |       |           |
|                                      |         |                 |            |              |      |            |               |       |           |

## 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: 07/19/2023 Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

### Sample ID: SW - 6 0-2.5' (H233760-72)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 240    | 16.0            | 07/20/2023 | ND           | 416  | 104        | 400           | 3.77  |           |
| TPH 8015M                            | mg/    | kg              | Analyze    | d By: MS     |      |            |               |       | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 288    | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 108    | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 106 %  | 6 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 150 %  | 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 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



Shari Cisneros

Sample Received By:

### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 7 0-2.5' (H233760-73)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 1120   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 210    | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 56.4   | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 109    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 141    | % 49.1-14       | 18         |              |      |            |               |       |           |

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. Keine



### Analytical Results For:

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

Received: 07/19/2023

Reported: 07/21/2023 Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

### Sample ID: SW - 8 0-2.5' (H233760-74)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 116    | % 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                             | 4320   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 2460   | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 595    | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 96.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 119    | % 49.1-14       | 18         |              |      |            |               |       |           |

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:
 07/19/2023
 Sampling Date:
 07/19/2023

 Reported:
 07/21/2023
 Sampling Type:
 Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 9 0-2.5' (H233760-75)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 2320   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 799    | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 271    | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 104    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 148    | % 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



Shari Cisneros

Sample Received By:

### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 10 0-2.5' (H233760-76)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 9  | 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                             | 1220   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 138    | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 79.7   | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 100 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 123 9  | % 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Shari Cisneros

Sample Received By:

### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023
Reported: 07/21/2023 Sampling Type: Soil

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 11 0-2.5' (H233760-77)

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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 4720   | 16.0            | 07/20/2023 | ND           | 432  | 108        | 400           | 0.00  | QM-07     |
| TPH 8015M                            | mg     | /kg             | Analyze    | d By: MS     |      |            |               |       | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 488    | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 187    | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 174    | % 49.1-14       | 8          |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

Analyzed By: 1H /

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 related 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: 07/19/2023

07/21/2023

THISTLE 44 AND 46

Project Number: 226502

Reported:

Project Name:

Project Location: DEVON - EDDY CO., NM

Sampling Date: 07/19/2023

Sampling Type: Soil
Sampling Condition: Cool & Intact

Sample Received By: Shari Cisneros

### Sample ID: SW - 12 0-2.5' (H233760-78)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 116    | % 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                             | 1490   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 349    | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 124    | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 84.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109    | % 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 & Keene



### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Reported: 07/21/2023

Project Name: THISTLE 44 AND 46

Project Number: 226502

Project Location: DEVON - EDDY CO., NM Sampling Date: 07/19/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

### Sample ID: SW - 13 0-2.5' (H233760-79)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | 0.093  | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 127 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                             | 7400   | 16.0            | 07/20/2023 | 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*                          | 19.9   | 10.0            | 07/20/2023 | ND           | 157  | 78.5       | 200           | 5.02  |           |
| DRO >C10-C28*                        | 3790   | 10.0            | 07/20/2023 | ND           | 158  | 79.1       | 200           | 5.20  |           |
| EXT DRO >C28-C36                     | 769    | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 102 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 127 9  | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 14 0-2.5' (H233760-80)

RTFY 8021R

| BIEX 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 192    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 165  | 82.6       | 200           | 2.48  |           |
| DRO >C10-C28*                        | 42.5   | 10.0            | 07/20/2023 | ND           | 173  | 86.6       | 200           | 1.90  |           |
| EXT DRO >C28-C36                     | 16.1   | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 107    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 123    | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Analyzed By: 1H /

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 15 0-2.5' (H233760-81)

RTFY 8021R

| B                |   | а ву: ЈН/   |  |  |  |  |  |
|------------------|---|---|--|--|--|--|--|
| Reporting Limit  | Analyzed  | Method Blank  | BS   | % Recovery   | True Value QC  | RPD  | Qualifier  |
| 0.050            | 07/20/2023                                      | ND  | 2.18   | 109  | 2.00   | 2.70   |  |
| 0.050            | 07/20/2023                                      | ND  | 2.08   | 104  | 2.00   | 0.403  |  |
| 0.050            | 07/20/2023                                      | ND  | 2.24   | 112  | 2.00   | 1.13   |  |
| 0.150            | 07/20/2023                                      | ND  | 6.71   | 112  | 6.00   | 0.413  |  |
| 0.300            | 07/20/2023                                      | ND  |  |  |  |  |  |
| 71.5-134         | !   |   |  |  |  |  |  |
| 9                | Analyze   | d By: AC  |  |  |  |  |  |
| Reporting Limit  | Analyzed  | Method Blank  | BS   | % Recovery   | True Value QC  | RPD  | Qualifier  |
| 16.0             | 07/20/2023                                      | ND  | 432  | 108  | 400  | 0.00   |  |
| 9                | Analyze   | d By: MS  |  |  |  |  |  |
| Reporting Limit  | Analyzed  | Method Blank  | BS   | % Recovery   | True Value QC  | RPD  | Qualifier  |
| 10.0             | 07/20/2023                                      | ND  | 165  | 82.6   | 200  | 2.48   |  |
| 10.0             | 07/20/2023                                      | ND  | 173  | 86.6   | 200  | 1.90   |  |
|                  | 07/20/2023                                      | ND  |  |  |  |  |  |
| 10.0             | ,,  |   |  |  |  |  |  |
| 10.0<br>48.2-134 |   |   |  |  |  |  |  |
| 9                | Reporting Limit 16.0  Reporting Limit 10.0 10.0 | Reporting Limit Analyzed  16.0 07/20/2023  Analyzed  Analyzed  Analyzed  Analyzed  Analyzed  10.0 07/20/2023  10.0 07/20/2023 | Reporting Limit Analyzed Method Blank 16.0 07/20/2023 ND  Analyzed By: MS  Reporting Limit Analyzed Method Blank 10.0 07/20/2023 ND 10.0 07/20/2023 ND | Analyzed By: AC           Reporting Limit         Analyzed         Method Blank         BS           16.0         07/20/2023         ND         432           Analyzed By: MS           Reporting Limit         Analyzed         Method Blank         BS           10.0         07/20/2023         ND         165           10.0         07/20/2023         ND         173 | Analyzed By: AC           Reporting Limit         Analyzed         Method Blank         BS         % Recovery           16.0         07/20/2023         ND         432         108           3         Analyzed By: MS           Reporting Limit         Analyzed         Method Blank         BS         % Recovery           10.0         07/20/2023         ND         165         82.6           10.0         07/20/2023         ND         173         86.6 | Reporting Limit Analyzed By: AC  Reporting Limit Analyzed Method Blank BS % Recovery True Value QC  16.0 07/20/2023 ND 432 108 400  3 Analyzed By: MS  Reporting Limit Analyzed Method Blank BS % Recovery True Value QC  10.0 07/20/2023 ND 165 82.6 200  10.0 07/20/2023 ND 173 86.6 200 | Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  16.0 07/20/2023 ND 432 108 400 0.00  3 Analyzed By: MS  Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD  10.0 07/20/2023 ND 165 82.6 200 2.48  10.0 07/20/2023 ND 173 86.6 200 1.90 |

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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Shari Cisneros

Sample Received By:

### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 16 0-2.5' (H233760-82)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 352    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 165  | 82.6       | 200           | 2.48  |           |
| DRO >C10-C28*                        | 104    | 10.0            | 07/20/2023 | ND           | 173  | 86.6       | 200           | 1.90  |           |
| EXT DRO >C28-C36                     | 45.6   | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 103 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 118 9  | % 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



Shari Cisneros

Sample Received By:

### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 17 0-2.5' (H233760-83)

| 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           | 07/20/2023 | ND           | 2.18 | 109        | 2.00          | 2.70  |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 2.08 | 104        | 2.00          | 0.403 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 2.24 | 112        | 2.00          | 1.13  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.71 | 112        | 6.00          | 0.413 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 8800   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 165  | 82.6       | 200           | 2.48  |           |
| DRO >C10-C28*                        | 3610   | 10.0            | 07/20/2023 | ND           | 173  | 86.6       | 200           | 1.90  |           |
| EXT DRO >C28-C36                     | 970    | 10.0            | 07/20/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 109    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 144    | % 49.1-14       | 18         |              |      |            |               |       |           |

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: 07/19/2023

Sampling Date: 07/21/2023

Sampling Type: Soil

Project Name:

Reported:

THISTLE 44 AND 46

Sampling Condition: Cool & Intact Sample Received By: Shari Cisneros

07/19/2023

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

Sample ID: SW - 18 0-5' (H233760-84)

| 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           | 07/20/2023 | ND           | 1.98 | 98.8       | 2.00          | 3.07 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 3.63 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 2.62 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.20 | 103        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 1440   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 165  | 82.6       | 200           | 2.48 |           |
| DRO >C10-C28*                        | 71.5   | 10.0            | 07/20/2023 | ND           | 173  | 86.6       | 200           | 1.90 |           |
| EXT DRO >C28-C36                     | 25.1   | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 106 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 123 9  | % 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



Shari Cisneros

Sample Received By:

### Analytical Results For:

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

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 19 0-5' (H233760-85)

| 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           | 07/20/2023 | ND           | 1.98 | 98.8       | 2.00          | 3.07 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 3.63 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 2.62 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.20 | 103        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 1070   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 165  | 82.6       | 200           | 2.48 |           |
| DRO >C10-C28*                        | 96.0   | 10.0            | 07/20/2023 | ND           | 173  | 86.6       | 200           | 1.90 |           |
| EXT DRO >C28-C36                     | 35.5   | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 117 9  | % 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.

Celeg & Keene



Shari Cisneros

Sample Received By:

### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil
Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact

Project Number: 226502

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 20 0-1' (H233760-86)

| 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           | 07/20/2023 | ND           | 1.98 | 98.8       | 2.00          | 3.07 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 3.63 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 2.62 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.20 | 103        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 752    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 165  | 82.6       | 200           | 2.48 |           |
| DRO >C10-C28*                        | 449    | 10.0            | 07/20/2023 | ND           | 173  | 86.6       | 200           | 1.90 |           |
| EXT DRO >C28-C36                     | 195    | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 98.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 113    | % 49.1-14       | 18         |              |      |            |               |      |           |

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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



### Analytical Results For:

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

Fax To:

Received: 07/19/2023 Sampling Date: 07/19/2023 Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Shari Cisneros Project Number: 226502 Sample Received By:

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 21 0-3' (H233760-87)

| BTEX 8021B                           | mg,     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
|--------------------------------------|---------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result  | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050  | 0.050           | 07/20/2023 | ND           | 1.98 | 98.8       | 2.00          | 3.07 |           |
| Toluene*                             | < 0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 3.63 |           |
| Ethylbenzene*                        | < 0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 2.62 |           |
| Total Xylenes*                       | < 0.150 | 0.150           | 07/20/2023 | ND           | 6.20 | 103        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300  | 0.300           | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109     | % 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                             | 3360    | 16.0            | 07/20/2023 | 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            | 07/21/2023 | ND           | 165  | 82.6       | 200           | 2.48 |           |
| DRO >C10-C28*                        | 2030    | 10.0            | 07/21/2023 | ND           | 173  | 86.6       | 200           | 1.90 |           |
| EXT DRO >C28-C36                     | 670     | 10.0            | 07/21/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 106     | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 127     | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 22 2.5-5' (H233760-88)

| 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           | 07/20/2023 | ND           | 1.98 | 98.8       | 2.00          | 3.07 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 3.63 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 2.62 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.20 | 103        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 544    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 165  | 82.6       | 200           | 2.48 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 07/20/2023 | ND           | 173  | 86.6       | 200           | 1.90 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 119 9  | % 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 226502 Shari Cisneros

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 23 3-5' (H233760-89)

| 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           | 07/20/2023 | ND           | 1.98 | 98.8       | 2.00          | 3.07 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 3.63 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 2.62 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.20 | 103        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 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                             | 656    | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 165  | 82.6       | 200           | 2.48 |           |
| DRO >C10-C28*                        | 20.2   | 10.0            | 07/20/2023 | ND           | 173  | 86.6       | 200           | 1.90 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 107 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 119 9  | 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 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Project Location: DEVON - EDDY CO., NM

### Sample ID: SW - 24 1-5' (H233760-90)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 1.98 | 98.8       | 2.00          | 3.07 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 3.63 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 2.62 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.20 | 103        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | 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                             | 1180   | 16.0            | 07/20/2023 | 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            | 07/20/2023 | ND           | 165  | 82.6       | 200           | 2.48 |           |
| DRO >C10-C28*                        | 800    | 10.0            | 07/20/2023 | ND           | 173  | 86.6       | 200           | 1.90 |           |
| EXT DRO >C28-C36                     | 270    | 10.0            | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 103    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 127    | % 49.1-14       | 18         |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

## 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: 07/19/2023 Sampling Date: 07/19/2023

Reported: 07/21/2023 Sampling Type: Soil

Project Name: THISTLE 44 AND 46 Sampling Condition: Cool & Intact
Project Number: 226502 Sample Received By: Shari Cisneros

Applyzod By: MC

Project Location: DEVON - EDDY CO., NM

ma/ka

### Sample ID: SW - 25 (H233760-91)

RTFY 8021R

| B1EX 8021B                           | mg     | / kg            | Anaiyze    | а ву: м5     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 1.98 | 98.8       | 2.00          | 3.07 |           |
| Toluene*                             | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 3.63 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 07/20/2023 | ND           | 1.91 | 95.6       | 2.00          | 2.62 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 07/20/2023 | ND           | 6.20 | 103        | 6.00          | 2.34 |           |
| Total BTEX                           | <0.300 | 0.300           | 07/20/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 108    | % 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                             | 480    | 16.0            | 07/20/2023 | 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            | 07/21/2023 | ND           | 165  | 82.6       | 200           | 2.48 |           |
| DRO >C10-C28*                        | 1150   | 10.0            | 07/21/2023 | ND           | 173  | 86.6       | 200           | 1.90 |           |
| EXT DRO >C28-C36                     | 330    | 10.0            | 07/21/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 114    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 129    | % 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 & Keene



### **Notes and Definitions**

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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 is 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

| c      | )        |
|--------|----------|
| 3      | _        |
|        | 7        |
| π      |          |
| м      | ٠.       |
|        | •        |
| -      | 3        |
|        |          |
| C      | )        |
| -      | 44       |
|        |          |
| Ξ      | _        |
| C      | 7        |
|        | ?        |
| CUU    | 0        |
| CUSE   | 0        |
| Custo  | Citato   |
| Custon | Contract |
| Custon | Control  |

| ge | 3 | 1. | 2 | 0 | f |
|----|---|----|---|---|---|
|    |   | 6  | S |   |   |
| T  |   | 3  |   | ) |   |
|    |   | 7  | 7 |   |   |

| Relinquished by: (Signature)  Received by: (Signature) | Additional Comments:    12:16     2:16                              | (5-7 2.5)   12:01<br>(5-4 2.5)   12:04<br>(5-6 2.5)   12:04<br>(5-7 3.5)   12:05 | Due Date: Y&w  TAT starts the day received by the lab, if received by 4:30pm  No Thermometer ID: Y#S No  No Thermometer ID: Y#O  Corrected Temperature:  | Trista H and Y6  |                   | City, State ZIP: Carlsbad, NM 88220 City, State ZIP:   |                           | Company Name: NTG Environmental Company Name: NTG Environmenta |
|--|---|--|--|------------------|-------------------|--|---------------------------|--|
| Date/Time Relinquished by: (Signature)   | ppany to Xenco, its affiliates and subcontractors. It assigns stand |  | Parameters  BTEX 8021B  TPH 8015M (GRO + DRO + MRO)  Chloride 4500   | ANALYSIS REQUEST | s@dvn.com         | Artesia, NM 88210                                      | 6488 Seven Rivers Highway | Wesley Mathews   |
| nature) Received by: (Signature) Date/Time   | t assigns standard terms and conditions                             |  | None: NO DI Water. H <sub>2</sub> O Cool: Cool MeOH: Me HCL: HC HNO <sub>3</sub> : HN H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NaBIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC Sample Comments | Preservati       | Deliverables: EDD | Reporting:Level II  Level III  PST/UST  TRRP  Level IV | State of Project:         |  |



|                       |                  | Pa            | ge 3 |
|-----------------------|------------------|---------------|------|
|                       | Project Manager: |               | -    |
|                       | Ethan Sessums    | ENVIRONMENTAL | 3    |
| Till to the different |                  |               |      |
|                       |                  |               |      |

| , a  | Ethan Sessums  NTG Environmental  402 E Wood Ave Carlsbad, NM 88220  254-266-5456  Thisher 49 | and 46             | Email: Turn   | Bill to: (if different) W/ Company Name: De Address: 64 City, State ZIP: Art mail: Wesley, Mathews@dvn.com Turn Around Pres. Rush Code | De 64 Art Pres. Code                                    | Wesley Mathews Devon Energy 6488 Seven Rivers Artesia, NM 88210 Dm | Wesley Mathews  Devon Energy  6488 Seven Rivers Highway  Artesia, NM 88210  Progri State Report Progri ANALYSIS REQUEST  ANALYSIS REQUEST   | ram: UST/PST [ of Project: ting:Level II []   rrables: EDD [ | Work Order Comments    PRP   Brownfields   R   evel       PST/UST     Preserved     ADaPT   Otto |
|--|---|--------------------|---|--|---|--|---|--|--|
| Project Location Sampler's Name: PO #:   | (S+)T(o)  | S                  | Due Date:  TAT starts the d lab, if receiv  | Routine Rush  Due Date: 44   | Code  | MRO)   |   |  | None: NO<br>Cool: Cool<br>HCL: HC  |
| SAMPLE RECEIPT  Received Intact: Cooler Custody Seals:   | mp Bla  | Yes NO We          | Wet Ice:  | lab, if received by 4:30pm  et loe: Xeg No  c. /40   | arameters<br>8021B                                      | O + DRO + MRO  |   |  |  |
| Cooler Custody Seals: Sample Custody Seals: Total Costsings:   |   | Correction Factor: | Correction Factor: Temperature Reading: -5  | ا ال   | Para<br>BTEX 802  | 5M ( GRO +   |   |  | NaHSO <sub>4</sub> : NABIS   |
| dentificatio   |   |                    | Time Soil   | Water Comp   | # of<br>Cont  | TPH 80   |   |  | NaOH+Ascorbic Acid: SAPC   |
| 21-52  | 5' 7/AND  | 17:20              | ->  | 7  | X   | X  |   |  |  |
| 13 7.  | 5'  | 17:24              | -   |  |   | #  |   |  |  |
| CS-15 7.5  | , v. (v.)   | 12.26              |   |  |   |  |   |  |  |
| 5.2 11-53  | 2 2   | 12:31              | -   |  |   |  |   |  | +  |
| 5.2 80-57  | 5   |                    |   |  |   |  |   |  |  |
|  | .5'   | 12:38              | +   | _  | +   |  |   |  | H  |
| Additional Comments:   | nments:   |                    |   |  |   |  |   |  |  |
| 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 service. 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 Reininguished by: (Signature) | 00 will be applied to each p  | shall not assur    | shall not assume any responsibility of the control | der from client com<br>ty for any losses or<br>sample submitted to   | pany to Xenco, it<br>expenses incurre<br>Xenco, but not | ts affiliates and<br>ed by the client<br>analyzed. Thes            | Service. Xenco will be liable only for the cost of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions 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.  Received by: (Signature) | ms and conditions<br>beyond the control<br>ly negotiated.    |  |
| 200  | Moun  | 85.                | Mexers  |  | 1/19/23 /   | 51:5   | Relinquished by: (Signature)  | Received by: (Signature)                                     | nature)  |



City, State ZIP:

Carlsbad, NM 88220

Artesia, NM 88210 6488 Seven Rivers Highway

State of Project:

|             | Address: 400                                  | Company Name: NTG   |                         | Project Manager: Etha | (  | ENVIR         | Ļ                     |         |                  |   |
|-------------|---|---------------------|-------------------------|-----------------------|----|---------------|-----------------------|---------|------------------|---|
| ב אזטטט האפ | AND E Wood Avo                                | NTG Environmental   | Coodillo                | Ethan Specime         |    | ENVIRONMENTAL | 6                     |         |                  |   |
| Addrage.    | Company Name.                                 | Company Name:       | Bill to: (if different) |                       |    |               |                       |         | Cn               | 2 |
| 0.400       | Devon Energy                                  | Down France         | Wesley Mathews          |                       |    |               |                       |         | Chain of Custody |   |
|             | Program: UST/PST PRP Brownfields RRC uperfund | Work Order Comments | Work Order Comment      | Page of /0            | w. |               | Work Order No: 1/2001 | 1 つれれ 1 |                  |   |

| ate ZIP:  | M 88220   |   | City, State ZIP:  |                              | Artesia                    | Artesia, NM 88210                   |   | Reporting:Level II Level III PST/UST | //UST TRRP   Level IV   |
|---|---|---|---|------------------------------|----------------------------|-------------------------------------|---|--------------------------------------|---|
| Tione:  254-266-5456  | 56  | Email:  | Email: Wesley.Mathews@dvn.com                                       | ews@dvn.c                    | com                        |                                     | Deli  | Deliverables: EDD Anapt              |   |
| roject Name: 7/17   | +16 \$ 41 2md 48  |   | Turn Around   |                              |                            |                                     |   | ]                                    | Culdi.  |
| roject Number:  |   | Routin  | Rush  | Pres.                        |                            | -                                   | ANALYSIS REQUEST  |                                      | Preservative Codes  |
| roject Location Edd   | LOND  | Due Date:   | 39  | Code                         |                            | +                                   |   |                                      | None: NO DI Water: H <sub>2</sub> O                               |
| ampler's Name:  | 154   | TAT starts the  | TAT starts the day received by the lab. If received by 4:30nm       | Ф                            |                            | MRO)                                |   |                                      | Cool: Cool MeOH: Me   |
| AMPLE RECEIPT T   | Temp Blank: Yes (No)  | 8   | Van No  | ters                         | _                          | _                                   |   |                                      |   |
| /==   |   | ter ID:   | Tes NO  | ame                          | 021B                       | + DF                                |   |                                      | H <sub>3</sub> PO <sub>4</sub> : HP                               |
| ooler Custody Seals: Yes  | No AWA  | Factor  | 12  | Para                         | _                          | _                                   | _   |                                      | NaHSO <sub>4</sub> ; NABIS  |
|   | No No   | i dettoi.   | 0   |                              | _                          | -                                   |   | но                                   | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>2</sub> |
| +   | NO.   | Corrected Townsel   | #   | 190                          | _                          | -                                   |   |                                      | Zn Acetate+NaOH: 7n   |
|   | Contacted   | conscient embergine;  |   |                              |                            | 1 80                                |   |                                      | NaOH+Assorbic Acid: Sa  |
| Sample Identification   | Date Time   | Soil  | Water Comp  | # of                         |                            | ТРН                                 |   |                                      | Sample Comment  |
| -21 75'   | 7/19/2 12:40  | ×   | 2   | -                            | X                          | X                                   |   |                                      | Sample Comments   |
| -22 25  | 14:2}   | ,   | 1   | -                            | -                          | - /                                 |   |                                      |   |
| 5-23 2.5  | 1 12:44   |   | -   |                              | +                          |                                     |   |                                      |   |
| 5.24 2.5  | 17:4  |   |   |                              | +                          |                                     |   |                                      |   |
| 5.25 2.5'   | 17:48   |   | ~   |                              | #                          | #                                   |   |                                      |   |
| 26 2.5  | 12:50   |   | 2   |                              | +                          | #                                   |   |                                      |   |
| 2.5   | 15:51   | -   | -   |                              | +                          | #                                   |   |                                      |   |
| 5-28 2.5  | h5:21   |   | 7   |                              | +                          | -                                   |   |                                      |   |
| 29 2.5  | 12:51   | -   | \   |                              | +                          | -                                   |   |                                      |   |
| 30 2.51   | 1 12:58   | -   | N   | -                            |                            | -                                   |   |                                      |   |
| Additional Comments:  | ts:   |   |   |                              |                            | ╟                                   |   |                                      |   |
| : Signature of this document and relin<br>rice. Xenco will be liable only for the c<br>co. A minimum charge of \$85.00 will t | quishment of samples constitutes cost of samples and shall not assube applied to each project and a c | a valid purchase<br>me any responsib<br>arge of \$5 for eac | order from client co<br>lility for any losses<br>h sample submittee | or expenses in to Xence, but | nco, its aff<br>ncurred by | liates and<br>the clien<br>zed. The | ce: 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 price. 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 and a charge of \$35.00 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 nacrohated | d conditions<br>id the control       |   |
| Relinquished by: (Signature)  | Received  | Received by: (Signature)                                    |   | Da                           | Date/Time                  |                                     | Relinquished by: (Signature)  | Doort L. Co.                         |   |
| 2000  | men many  | Meyes   |   | 1/1/1                        | 133 /                      | 3                                   | 2   | Received by: (Signature)             | Date/Time   |
|   |   |   |   |                              |                            |                                     | 4   |                                      |   |
|   |   |   |   |                              |                            |                                     |   |                                      |   |

| OI | 2              |
|----|----------------|
| -  | 5 8            |
| '  | Page 96 of 103 |

O

Date 05012020 Rev. 2020.1

## Chain of Custody





|   | Enign Sessing  |                                       |                          | Bill to: (if different)    | rent)         | Wesley Mathews        | thews        |   | Work Orde                 | Work Order Comments   |
|---|--|---------------------------------------|--------------------------|----------------------------|---------------|-----------------------|--------------|---|---------------------------|---|
| Company Name: NTC   | NTG Environmental  |                                       |                          | Company Name:              | ame:          | Devon Energy          | ſQV          |   | Program: HET/BET Tana     |   |
| Address: 402  | 402 E Wood Ave   |                                       |                          | Address:                   |               | 6488 Seven Rivers     | Rivers His   | nhway   | State of Project:         | willields   KRC   uperfund  |
| City, State ZIP: Carl   | Carlsbad, NM 88220   |                                       |                          | City, State ZIP            | IP.           | Artesia, NM 88210     |              | g   | l evel                    | beriller Trapp   I amain  |
| Phone: 254  | 254-266-5456   |                                       | Email:                   |                            | thews@dv      | n.com                 |              |   | Deliverables: EDD ADa     | Other   |
| Project Name:   | Thirthe Y  | 4 and 4                               | 6 Turn                   | Turn Around                |               |                       |              | ANAI VOIC DE  | OLIEST<br>OLIEST          |   |
| Project Number:   |  |                                       | Routine                  | Rush                       | Pres          |                       | -            | ANALI SIS REGUESI   | MOESI                     | Preservative Codes  |
| Project Location  | Eddy Co  | UM                                    | Due Date:                | 174                        | Code          |                       | -            |   |                           | None: NO DI Water: H <sub>2</sub> O                               |
| Sampler's Name:   | XXX4   |                                       | TAT starts the           | day received he            | 8             | (0)                   |              |   |                           | Cool: Cool MeOH: Me   |
| PO#   |  |                                       | lab, if rece             | lab, if received by 4:30pm |               | MR                    |              |   |                           | HCL: HC HNO3: HN  |
| SAMPLE RECEIPT  | Temp Blank:  | Yes No                                | 8                        | No.                        | ters          | _                     | 0            |   |                           | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> NaOH: Na          |
| Received Intact:  | Xes No   | Thermometer ID:                       | e                        | 145                        | 1             | 021E<br>+ D           | 450          |   |                           | H <sub>3</sub> PO <sub>4</sub> ; HP                               |
| Cooler Custody Seals:   | Yes No NA  |                                       | n Factor:                |                            | Pai           |                       | ride         |   | OLE                       | NaHSO <sub>4</sub> : NABIS  |
| Sample Custody Seals:   | Yes No NA  |                                       | Temperature Reading:     | 3.20° H                    | 140           | ВТ<br>5М (            | Chlo         |   | н                         | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |
|   |  | Corrected                             | Corrected Lemperature:   |                            |               | H 80                  | _            |   |                           | NaOH+Ascorbic Acid: SAPC  |
| Sample Identification   | tion Date  | e Time                                | Soil                     | Water Co                   | Comp Cont     |                       | _            |   |                           | Sample Comments   |
| (5.5)   | 7/   | 19/15 1:00                            | ×                        | 0                          |               | ×                     | ×            |   |                           |   |
| 5-22  | 5.5  | 1:07                                  |                          |                            | _             | 2                     | -            |   |                           |   |
| 200   | 10.0   | 1:07                                  |                          |                            |               | _                     | _            |   |                           |   |
| 134   | 2.3  | 1:06                                  |                          |                            |               |                       |              |   |                           |   |
| 427   | 5.5  | 1:08                                  |                          |                            |               |                       |              |   |                           |   |
| 5-36  | 2.5  | 1:10                                  |                          |                            | _             |                       |              |   |                           |   |
| 5-37 2  | 5  | 1:12                                  |                          |                            |               |                       | +            |   |                           |   |
| 85-5  | 2.5'   | 11:14                                 |                          |                            | -             |                       | +            |   |                           |   |
| 2-8-59 7  | 2.5)   | 1:18                                  |                          |                            | 1             |                       | +            |   |                           |   |
| 5-40  | 25 1   | 1:18                                  | -                        |                            | -             | -                     | -            |   |                           |   |
| Additional Comments:  | omments:   |                                       |                          |                            |               |                       |              |   |                           |   |
| Signature of this docume.  The Xenco will be liable on A minimum charge of \$ | nt and relinquishment of<br>nly for the cost of sample<br>\$85.00 will be applied to a | samples constitutes and shall not ass | es a valid purchase      | order from clier           | nt company to | Xenco, its affiliates | s and subcon | lotics: 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 f 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 | terms and conditions      |   |
| Relinquished by: (Signature)  | nature)  | Received                              | Received by: (Signature) | 9)                         |               | Date/Time             | Re           | Relinquished by: (Signature)  | ously negotiated.         |   |
| and I   | Moun   | MI H                                  | 164                      |                            | 7/19          | 1/33 /5:1             | 5            |   | Coordinate of Colginating | ne) Date/Time   |
|   | (  |                                       |                          |                            |               |                       | 4            |   |                           |   |

Work Order No: H233

Revised Date 05012020 Rev. 2020.1





| 9  | 2  |  |   |  |   | Page of 10                          |
|--|--|--|---|--|---|-------------------------------------|
| Project Manager: Ethan Sessums   | sums   | Bill to: (if different)  | Wesley Mathews  |  | Water   | H                                   |
|  | onmental   | Company Name   |   |  | Work Orde   |                                     |
|  | d Ave  | Address:   | 6488 Seven Divers Hishway   |  | Program: USI/PST _PRP _BrownfieldsRRC State of Project: | ownfields RRC uperfund              |
| City, State ZIP: Carlsbad, NM 88220  | VM 88220   | City, State ZIP:   | Artesia NM 88210  |  | l level III   |                                     |
| Phone: 254-266-5456  | 56   | Email: Wesley.Mathews@dvn.com  | ws@dvn.com  |  | Deliverables: EDD AD                                    | ADAPT Other                         |
| Project Name: Thiste   | 9h+hh 31   | Turn Around  |   | 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2                    | ]   | - 11                                |
| 37.  |  | Routine N Rush   | Pres.   | AWAL TOIS REQUEST  | JEST  | ervati                              |
| roject Location Ede  | MONIN  |  | Code  |  |   | None: NO DI Water: H <sub>2</sub> O |
| Sampler's Name:  | 1K5+5T   | TAT starts the day received by the   | IRO)  |  |   | Cool: Cool MeOH: Me                 |
| SAMPLE RECEIPT   | Tomo Blank: Von No.  | posved   | tO + N  |  |   |                                     |
|  | Them   | nometer ID: 140  | 021E  |  |   |                                     |
| -  | Yes No NA Correction Factor:   | actor:   | GRO   |  | HOL   |                                     |
| otal Containor: Yes  | No N/A   | e Reading: 3.3C 414C   | B'  |  |   | Zn Acetate+NaOH: Zn                 |
| o committee  |  | 1  | PH 80   |  |   | NaOH+Ascorbic Acid: SAPC            |
| sample identification  | Date Time  | Soil Water Comp  | Cont  |  |   | Sample Comments                     |
| 67 11 53   | 7/19/23 1:20   | X  | XXX   |  |   |                                     |
| 7 7  | 1.22   | -  |   |  |   |                                     |
| CS-43 2.5  | 1:24   |  |   |  |   |                                     |
| -49 2  | 1:26   |  |   |  |   |                                     |
| 7 5%   | 82:)   |  |   |  |   |                                     |
| - 76 2   | 1.20   |  |   |  |   |                                     |
| 147  | 1:32   |  |   |  |   |                                     |
| N  | ):3y   |  |   |  |   |                                     |
| (5-49 Z.5°   | 1:36   |  |   |  |   |                                     |
| CS-30 2.5°   | 1 1:39   |  | -   |  |   |                                     |
| Additional Comments:   | nts:   |  |   |  |   |                                     |
| tice: 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 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 havond the control Xenco. A minimum change of second will be control. | inquishment of samples constitutes a cost of samples and shall not assume  | valid purchase order from client co<br>e any responsibility for any losses o | mpany to Xenco, its affiliates and sut<br>or expenses incurred by the client if s | bcontractors. It assigns standard terr                     | ms and conditions                                       |                                     |
| Polinguished by: /Circot   | La complete de la com | "ge or \$5 for each sample submitted   | to Xenco, but not analyzed. These te  | These terms will be enforced unless previously negotiated. | ly negotiated.  |                                     |
| Camidana py. (alignamie)   | Received b   | Received by: (Signature)   | Date/Time   | Relinquished by: (Signature)                               | Received by: (Signature)                                | ure) Date/Time                      |
| Carl Brat  |  | 700 010  | 7/19/23 15/52   |  |   | -                                   |



|                          |   |  | on l                      |               |                         |  |                        |                         |  |                                |
|--------------------------|---|--|---------------------------|---------------|-------------------------|--|------------------------|-------------------------|--|--------------------------------|
|                          |   |  | 3 15:15 2                 | 119/23        | 2                       | elou   | (win)                  | May                     | 1  | mo                             |
| Date/Time                | Received by: (Signature)                        | Relinquished by: (Signature)   | Date/Time                 | Date/         |                         | Received by: (Signature)                           | Received b             |                         | (Signature)                              | Neilliquisited by: (Signature) |
|                          | eyond the control negotiated.                   | Renco. 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.  | ot analyzed. These        | Xenco, but no | le submitted to         | arge of \$5 for each samp                          | roject and a cha       | applied to each p       | rge of \$85.00 will be                   | Delinquiched by                |
|                          | s and conditions                                | voluce: 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 it 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 is until the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client is until the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client is until the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client is until the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client is until the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client is until the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client is until the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client is until the cost of samples and shall not assume any losses or expenses in the cost of samples and shall not assume any losses of expenses in the cost of samples and shall not assume any losses of expenses in the cost of samples and shall not assume any losses of expenses in the cost of samples and shall not assume any losses of expenses in the cost of expenses of expenses in the cost of expenses in the cost of expenses of expenses in the cost of expenses in the cos | , its affiliates and s    | any to Xenco, | om client comp          | a valid purchase order from any responsibility for | es constitutes a       | uishment of samples and | ocument and relinquable only for the co- | f service. Xenco will be li    |
|                          |   |  |                           |               |                         |  |                        | 31                      | Additional Comments:                     | Additio                        |
|                          |   |  | 1                         | 4             | ,                       |  | . 50                   | 1                       |  | 11,                            |
|                          |   |  |                           |               |                         |  | 12                     |                         | V a                                      |                                |
|                          |   |  |                           |               |                         |  | 1:54                   |                         | 12                                       | 000                            |
|                          |   |  |                           |               |                         |  | 25:1                   |                         | 5  | CS-51                          |
|                          |   |  |                           |               |                         |  | 1:50                   |                         | ñ  | CS-56                          |
|                          |   |  |                           |               |                         |  | 1:48                   |                         | 2.5                                      | CS-55                          |
|                          |   |  |                           |               |                         | +  | 34:1                   |                         | 25                                       | 65-54                          |
|                          |   |  |                           |               |                         |  | 1:44                   |                         | 2.5                                      | CS-53                          |
|                          |   |  |                           | -             | -                       | -  | 1:42                   |                         | 25                                       | 15-52                          |
|                          |   |  | ×                         | \<br>\<br>\   |                         | ×  | 5:40                   | 7/1923                  | 25                                       | 65-5                           |
| Sample Comments          | Sa  |  | TP                        | # of<br>Cont  | Grab/<br>Comp           | Soil Water   | Time                   | Date                    | tification                               | Sample Identification          |
| NaOH+Ascorbic Acid: SAPC | NaOH+   |  | H 801                     |               |                         | emperature:  | Corrected Temperature: |                         |  | Total Containers:              |
| Zn Acetate+NaOH: Zn      |   |  | 5M (                      | ВТ            | C #140                  | 3  | Temperature Reading:   | No MIA                  | ils: Yes                                 | Sample Custody Seals:          |
| Nanso4: NABIS            | HOL   |  | GR                        | _             |                         | actor:   | Correction Factor:     | No MA                   | -  | Cooler Custody Seals:          |
| HADIO                    |   |  | _                         | 8021          | 40                      |  | Thermometer ID:        | Kes No                  |  | Received Intact:               |
| H <sub>2</sub> NaOH: Na  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> |  | DRO -                     | eter          | Yes No                  | Wet Ice:   | Yes No                 | Temp Blank:             |  | SAMPLE RECEIPT                 |
|                          | HCL: HC   |  | + MI                      | S             | 4:30pm                  | lab, if received by 4:30pm                         |                        |                         |  | PO#:                           |
| _                        | Cool: Cool                                      |  | RO)                       |               | eived by the            | he day   |                        | T                       | XX +                                     | Sampler's Name:                |
|                          |   |  |                           |               | 18W5                    | Due Date: 4  | n                      | 60 N                    | tall/                                    | Project Location               |
| ervati                   |   |  |                           | Pres.         | Rush                    | Routine R  |                        |                         | -  | Project Number:                |
|                          |   | ANALYSIS REQUEST   |                           |               | nd                      | Turn Around  | and 46                 | e 44                    | たられ                                      | Project Name:                  |
|                          |   |  | n                         | @dvn.com      | Wesley.Mathews@dvn.com  | Email: West  |                        |                         | 254-266-5456                             | Phone:                         |
| TRRP   Level IV          | Level III DST/UST                               |  | Artesia, NM 88210         | Ar            | City, State ZIP:        | City, S  |                        | 88220                   | Carlsbad, NM 88220                       | City, State ZIP:               |
| Cabelland                | State of Project:                               |  | 6488 Seven Rivers Highway | 64            | SS:                     | Address:   |                        | Ave                     | 402 E Wood Ave                           | Address:                       |
| 5                        | Program: UST/PST   PRP   Brownfields   BBC      | Pr   | Devon Energy              | De            | Company Name:           | Comp   |                        | mental                  | NTG Environmental                        | Company Name:                  |
| ents                     | Work Order Comments                             |  | Wesley Mathews            | W             | Bill to: (if different) | Bill to  |                        | ns                      | Ethan Sessums                            | rioject wanager:               |
| Page of 10               | Pa  |  |                           |               |                         |  |                        |                         | )  |                                |
| ge 99                    | Work Order No:                                  |  |                           |               |                         |  |                        |                         | ENVIRONMENTA                             | (5                             |
|                          | 10/255/10                                       |  |                           |               |                         |  |                        | 1)                      |  |                                |
|                          |   | odv  | Chain of Custody          | hain          | 0                       |  |                        |                         |  | )                              |
|                          |   |  |                           |               |                         |  |                        |                         |  |                                |

## Chain of Custody



|   |                                      |  | 15.15-2                                | 9/23 1         | 7/1           |                            | news                     | CUS                | Mon                             | X                       | mo-  |
|---|--------------------------------------|--|--|----------------|---------------|----------------------------|--------------------------|--------------------|---------------------------------|-------------------------|--|
| re) Date/Time   | Received by: (Signature)             | Relinquished by: (Signature)   | 0                                      | Date/Time      |               | в)                         | Received by: (Signature) | Received I         |                                 | Signature)              | Relinquished by: (Signature)                             |
|   | nd the control gotiated.             | f 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.  | y the client if su<br>lyzed. These ter | but not anal   | tted to Xenco | ch sample submi            | arge of \$5 for ear      | roject and a ch    | pplied to each pr               | ge of \$85.00 will be a | Kenco. A minimum charg                                   |
|   | nd conditions                        | totice: 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 the co | fillates and sub-                      | Xenco, its aff | t company to  | order from clien           | a valid purchase         | es constitutes     | shment of sample of samples and | cument and relinqui     | tice: Signature of this do<br>service. Xenco will be lia |
|   |                                      |  |  |                |               |                            |                          |                    |                                 | Additional Comments:    | Addition   |
|   |                                      |  | 1                                      |                |               | -                          | _                        | 2:18               | -                               | 3.2.5                   | S A C  |
|   |                                      |  |  |                |               |                            | _                        | 2:16               |                                 | 2.5                     | Sh. 3-5  |
|   |                                      |  |  |                |               |                            |                          | 2:14               |                                 | 1-2.5                   | 7-CMS  |
|   |                                      |  |  |                |               |                            |                          | 2:17               |                                 | 5.7-0                   | 152-   |
|   |                                      |  |  |                |               |                            |                          | 2:10               | _                               | -                       | 99-50  |
|   |                                      |  |  |                | _             |                            |                          | 2:09               | _                               | 1                       | (8-65  |
|   |                                      |  |  |                | _             |                            |                          | 2:06               |                                 | N                       | 13-50  |
|   |                                      |  |  |                | -             |                            |                          | 40:2               |                                 | N                       | (8-67  |
|   |                                      |  | -                                      |                | _             |                            | _                        | 7:02               | -                               | 5                       | 1250   |
|   |                                      |  | X                                      | ×              | _             | 7                          | ×                        | 2.00               | 7/19/23                         | 2                       | (2-5)  |
| Sample Comments   |                                      |  | TP                                     |                | mp Cont       | Water Comp                 | Soil                     | Time               | Date                            | ification               | Sample Identification                                    |
| NaOH+Ascorbic Acid: SAPC  |                                      |  | H 80                                   |                | -             | 1                          | Corrected Lemperature:   | Corrected          |                                 |                         |  |
| Zn Acetate+NaOH: Zn   |                                      |  |  | _              | 90            | 39c #140                   | Temperature Reading:     | Temperatu          | NO NIA                          | Yes                     | Total Containers:  |
| Na <sub>2</sub> S <sub>2</sub> O <sub>4</sub> : NaSO <sub>4</sub> | но                                   |  |  | -              | P             |                            | Factor:                  | Correction Factor: |                                 | Tes                     | Sample Custody Seals                                     |
| NaHSO: NABIS  | LD                                   |  | 0 +<br>de 4                            | 802            | aran          | 140                        | ter ID:                  | Thermometer ID:    | Z                               | , Cre                   | Cooler Custody Socia                                     |
| H_DO : HD   |                                      |  |  | _              | neter         | Yes No                     | Wet Ice:                 | Yes No             | Temp Blank:                     |                         | SAMPLE RECEIPT   |
|   |                                      |  | + MR                                   |                |               | lab, if received by 4:30pm | lab, if rece             |                    | -                               | 8                       | 00#  |
| Cool: Cool MeOH: Me   |                                      |  | 0)                                     |                | _             | 100                        | Due Date.                |                    | 100                             | 1/2/1                   | Sampler's Name:  |
| None: NO DI Water: H <sub>2</sub> O                               |                                      |  | -                                      |                |               | 41,                        |                          | M                  | 11                              | 1613                    | Project Location   |
| ervati  |                                      | AWAL 1913 REQUES   |  |                | Pres.         | Rush                       | Routine                  | ,                  |                                 |                         | Project Number:  |
| - 11  |                                      | ANALYSIS BEOLIES   |  |                |               | Turn Around                | Turn                     | and 46             | 44                              | Thistle                 | Project Name:  |
| Other   |                                      | Deli   |  | n.com          | hews@dv       | Wesley.Mathews@dvn.com     | Email:                   |                    |                                 | 254-266-5456            | Phone:   |
| PST/UST TRRP TIAVALIV   | Level                                |  | Artesia, NM 88210                      | Artesia        | P             | City, State ZIP            |                          |                    | 88220                           | Carlsbad, NM 88220      | City, State ZIP:   |
| willields   KKC     uperfund                                      | State of Project:                    |  | 6488 Seven Rivers Highway              | 6488 S         |               | Address:                   |                          |                    | Ve                              | 402 E Wood Ave          | Address:   |
| 200   | Program: UST/PST   PRP   Rrownfields | Pro  | Devon Energy                           | Devon          | me:           | Company Name:              |                          |                    | ental                           | NTG Environmental       | Company Name:  |
|   | Work Order                           |  | Wesley Mathews                         | Wesley         | ent)          | Bill to: (if different)    |                          |                    | S                               | Ethan Sessums           | Project Manager:   |
| Page 7 of 10  |                                      |  |  |                |               |                            |                          |                    |                                 |                         |  |
| 10: H233760   | Work Order No:                       |  |  |                |               |                            |                          |                    |                                 |                         | P  |
|   |                                      | ody  | Chain of Custody                       | In or          | Cha           |                            |                          |                    | ,                               |                         |  |
| 3   |                                      |  |  |                | 2             |                            |                          |                    |                                 |                         |  |



Project Manager:

Ethan Sessums

Wesley Mathews

Chain of Custody

| Ked |      | Joseph John John John John John John John Joh | relinquisned by: (Signature  | 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. | otice. Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. | Additiona            | h-ms | 1    | 50-12 | 50-1 | Orms o | Swa | 8-20 | 1.M3 | Sw-b   | 5-m5    | Sample Identification   | rotal Containers.        | Sample Custody Seals: | Cooler Custody Seals: | Received Intact: | SAMPLE RECEIPT                                  | PO#:                       | Sampler's Name: | Project Location           | Project Number:    | Project Name:    | Phone: 2:                     | ate ZIP:                              |                           | y Name:                                  |
|-----|------|---|------------------------------|--|---|----------------------|------|------|-------|------|--------|-----|------|------|--------|---------|-------------------------|--------------------------|-----------------------|-----------------------|------------------|---|----------------------------|-----------------|----------------------------|--------------------|------------------|-------------------------------|---------------------------------------|---------------------------|--|
|     |      | 5   | ignature)                    | of \$85.00 will be a   | ment and relinquis  | Additional Comments: | ,    | -    | -     | _    | _      |     |      |      | 0-2.5) | 0.2.51  | cation                  |                          | Yes                   | Yes                   | (Yes)            |   |                            | 1/24            | Eddy                       |                    | Thist            | 254-266-5456                  | Carlsbad, NM 88220                    | 402 E Wood Ave            | N I G Environmental                      |
|     |      | Than  |                              | of samples and s   | hment of sample   |                      | -    |      |       |      |        |     |      |      |        | 7/19/23 | Date                    |                          | No NIA                | No AVA                | No               | Temp Blank:                                     |                            | 4               | 61                         |                    | c 44 p           |                               | 38220                                 | /e                        | ental                                    |
|     |      | Cime  | Received b                   | hall not assun   | s constitutes :   |                      | 5:38 | 85:2 | 2:34  | 2:32 | 2:30   | 2:2 | 2:16 | 7:24 | 23:22  | 02:7    | Time                    | Corrected Temperature    | Temperature Reading:  | Correction Factor:    | Thermometer ID:  | Yes Mo  |                            |                 | 14                         |                    | 9/ Pa            |                               |                                       |                           |  |
|     |      | 1000  | Received by: (Signature)     | irge of \$5 for ea   | a valid purchase  |                      | -    |      |       |      |        |     |      |      | _      | ×       | Soil                    | emperature:              | e Reading:            | -actor:               | er ID:           | Wet Ice:  | lab, if received by 4:30pm | TAT starts the  | Due Date:                  | Routine            | Turn             | Email:                        |                                       |                           |  |
|     |      |   | e)                           | bility for any los<br>ch sample subm   | order from clie   |                      |      |      |       |      |        |     |      |      |        | 2       | Water Cu                | 1                        | 3.200                 | 1                     | 140              | ON (SBK)  | lab, if received by 4:30pm | day received b  | 182                        | Rush               | Turn Around      | Email: Wesley.Mathews@dvn.com | City, State ZIP                       | Address:                  | Company Name:                            |
| -   | +    | 7/19  |                              | ses or expense   | nt company to   |                      | -    | -    | -     | -    | -      |     |      | _    | _      | 0       | Grab/ # of<br>Comp Cont |                          | 0217                  | Pa                    |                  | eter  |                            |                 | 0000                       | Pres.              |                  | thews@dvi                     | IP:                                   |                           | ame:                                     |
|     |      | 123 6   | Date/Time                    | s incurred by the  | Kenco, its affilia  |                      | -    |      |       |      |        |     |      |      | -      | X       |                         | H 801                    | _                     | _                     | 8021             | _   | + MR                       | 0)              |                            |                    |                  | 1.com                         | Artesia, NM 88210                     | 6488 Sev                  | Devon Energy                             |
|     | 7) 4 |   | Z)                           | he client if suc<br>ed. These term   | ates and subc   |                      | -    | -    | -     | -    | -      | -   | -    | -    | -      | ×       |                         |                          | _                     | _                     | e 45             |   |                            | _               |                            |                    |                  |                               | M 88210                               | 6488 Seven Rivers Highway | nergy                                    |
|     |      |   | Relinquished by: (Signature) | h losses are due to circ<br>is will be enforced unle   | ontractors it assigns a   | -                    |      |      |       |      |        |     |      |      |        |         |                         |                          |                       |                       |                  |   |                            |                 | -                          |                    | ANALYS           |                               |                                       | ighway                    |  |
|     |      |   | Signature)                   | cumstances be  |   |                      |      | +    | +     | +    |        | +   | +    | +    | +      | +       |                         |                          |                       |                       |                  |   |                            |                 |                            | 700                | ANALYSIS REQUEST | De                            | Re                                    | St :                      | Pr                                       |
|     |      |   | Received by: (Signature)     | yond the control negotiated.   |   |                      |      |      |       |      |        |     |      |      |        |         |                         |                          |                       |                       |                  |   |                            |                 |                            | 0.1                | TS               | Deliverables: EDD             | Reporting:Level III Level III PST/UST | State of Project:         | Program: UST/PST PRP   Brownfields   BBC |
|     |      |   | nature)                      |  |   |                      | +    | +    | -     |      | -      | 1   | -    | -    | +      |         | "                       | NaOH                     |                       | HOL                   |                  | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> | HCL: HC                    | Cool: Cool      | None: NO                   |                    |                  | ADaPT                         | □PST/UST                              | prowrittend               | PRP Brownfields D                        |
|     |      |   | Dat                          |  |   |                      |      |      |       |      |        |     |      |      |        |         | Sample Comments         | NaOH+Ascorbic Acid: SAPC | Zn Acetate+NaOH: Zn   | NarisO4: NABIS        | A HT             |   |                            |                 |                            | Preservative Codes |                  | Other:                        | TRRP                                  | S CKKC                    | , Dec                                    |
|     |      |   | Date/Time                    |  |   |                      |      |      |       |      |        |     |      |      |        |         | mments                  | cid: SAPC                | 70                    |                       |                  | NaOH: Na  | HNO3: HN                   | MeOH: Me        | DI Water: H <sub>2</sub> O | ve Codes           |                  | [                             | VI level IV                           | Unperrund                 |  |

| Wol |
|-----|
| ĸ O |
| der |
| No: |
| F   |
| 8   |
| 2   |
| 2   |
| 6   |

Page 101 of 103

SC-20 5W-19

2:46

10-5 (0-1

(0-5

5.44 5.2

24.

Sau 31-P

SWI SW-15 Sample Custody Seals: Cooler Custody Seals: Received Intact: SAMPLE RECEIPT

Yes No ANA Yes No

AIM

W

SULT ODE

Corrected Temperature: Temperature Reading: Correction Factor: Thermometer ID: Yes Mo Wet Ice:

Temp Blank: res No

Total Containers:

Sample Identification

Date

Time

Soil

Water

Comp Grab/

# of

82/10/

2:40

Sampler's Name:

Due Date:

Routine

Rush J484

Code

ANALYSIS REQU

Turn Around

TAT starts the day received by the lab, if received by 4:30pm

Yes No 40

**Parameters** 

**BTEX 8021B** TPH 8015M ( GRO + DRO + MRO) Chloride 4500

HOLD

NaHSO<sub>4</sub>: NABIS

H<sub>3</sub>PO<sub>4</sub>: HP H2SO4: H2 HCL: HC Cool: Coo None: NO

> HNO3: HN MeOH: Me

DI Water: H<sub>2</sub>O

NaOH: Na

NaOH+Ascorbic Acid: SAPC Zn Acetate+NaOH: Zn Na2S2O3: NaSO3

Sample Comments

Project Number: Project Location

## Chain of Custody





| ANALYSIS REO                            | Distance inter-             |                    |                  |
|---|-----------------------------|--------------------|------------------|
|   | Turn Around                 | I Pris hh Atsin    | Project Name:    |
|   |                             |                    |                  |
| moc                                     | Email: Wesley.Mathews@dvn.c | 254-266-5456       | Phone:           |
| Pricesia, ININ 00210                    | englowing and               |                    | !                |
| A-1000000000000000000000000000000000000 | City State 7IP              | Carlsbad, NM 88220 | City, State ZIP: |
| 0400 Seven Kivers Highway               |                             |                    | )                |
| 6488 Co                                 | Address:                    | 402 E Wood Ave     | Address:         |
| Dayon Elieigy                           |                             |                    |                  |
| Devon Engage                            | Company Name:               | NTG Environmental  | Company Name:    |
| vy doley Midliews                       | and the functional          |                    |                  |
| Wooley Mothers                          | Bill to: /# different)      | Ethan Sessums      | Project Manager: |
|   |                             |                    |                  |
|   |                             |                    |                  |

|  | 3                          | de J  | rage y or // |
|--|----------------------------|-------|--------------|
| Work C   | <b>Work Order Comments</b> | ents  |              |
| Program: UST/PST  PRP  Brownfields  RRC  uperfund  State of Project: | Brownfields                | RRC   | _uperfund [  |
| Reporting:Level III Level III Level IV TRRP Level IV                 | □PST/UST                   | ☐ RRP | Level IV     |
| Deliverables: EDD  | ADaPT                      | Other |              |

| Preservative Codes | reservat | P                       | EST  |
|--------------------|----------|-------------------------|--|
|                    | Other    | ADaPT                   | Deliverables: EDD  |
| ☐ Level IV ☐       | ☐ RRP    | □ST/UST                 | Reporting:Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐ |
| _uperfund _        | RRC      | Brownfields             | Program: UST/PST ☐PRP ☐Brownfields ☐RRC ☐uperfund ☐          |
|                    | SILIS    | ANOUN CITTER COMMISSION | ***  |

| am: UST/PST                           |                     |      |
|---------------------------------------|---------------------|------|
| PRP                                   | Work                |      |
| am: UST/PST   PRP   Brownfields   RRC | Work Order Comments | Pa   |
| RRC                                   | ents                | Page |
| F                                     |                     | 0    |
| uperfund                              |                     | 10   |
|                                       |                     | Г    |

Page 102 of 103

Work Order No: 4233760

Released to Imaging: 2/19/2024 3:37:05 PM

Received by: (Signature)

Date/Time

05012020 Rev.

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

|                                 | 1    |        |
|---------------------------------|------|--------|
| 101 Ea                          | Lat  | CA     |
| 1 East Marland, Hobbs, NM 88240 | 5,00 | N<br>U |
| Hobbs, NI                       | tor  | Z      |
| M 88240                         | ies  | P      |

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

| Company Name: んプじ  | (575) 393-2326 FAX (575) 393-2476<br>ハナしく   | 2476  | RIII                                     |   |  | \$ 100 |
|--|---|---|--|---|--|--------|
| Project Manager:   | gm 5,55 cms   |   | P.O. #: 1099556                          |   | ANALYSIS REQUEST   |        |
| Address: 40 E  | CON YINC  |   | Company: Devon                           | evonbrery   |  |        |
| e#: 25   | 5456 Fax #:   | ZIP:  | Address: ( 464 S                         | (C) Mathed 5  |  |        |
| Project #: Project Name: 76 54   | Project Owner:  |   | 1 to                                     | B   |  |        |
| Project Location:  | dy to NM  | T. (  | Phone #:                                 | JC21  |  |        |
| FOR LAB USE ONLY   | 0   | L   | 1  | 8   |  |        |
|  |   |   | PRESERV. SAMPLING                        | X   |  |        |
| Lab I.D. Sa  | Sample I.D.   | G)RAB OR (C)OI<br>CONTAINERS<br>ROUNDWATER<br>VASTEWATER<br>OIL<br>IL<br>LUDGE<br>THER:   | CID/BASE:<br>E / COOL<br>THER :          | BTEX<br>TPH<br>Chlor  |  |        |
| 2  | 1, 25   | # V S S S   | A ICO                                    | IME   |  |        |
|  | (2.5)   | ×   | 7/19/25                                  | × × × × × × × × × × × × × × × × × × ×                         |  |        |
| EASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the rivide. In no event shall Cardinal be liable for incidental or conseniment advances related to exempt whether based in writing and received by Cardinal within 30 days after completion of the another based in the client for the contract of the con | liability and client's exclusive remedy for an and any other cause whatsoever shall be district for consequents of annual for the cause whatsoever shall be district for consequents of annual for consequents. | Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the resignance and any other cause whatbover shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the an output paid by the client for the | t, shall be limited to the amount paid b | y the client for the  |  |        |
| telinquished By:   | Date:   | nder by Cardinal, regardless of whether such dalm is based upon any of the above stated rea  Received By:   | ed upon any of the above stated reason   | en, as subsolianes, en ar chemise.  Ferbal Result: □ Yes □ No | Add'l Phone #:   | j      |
| elinquished By:  | Time: (5  | How Cim   | ews A                                    | emailed. Please prov  | de Email address:  |        |
|  | Time:   |   |  |   |  |        |
| Delivered By: (Circle One) ampler - UPS - Bus - Other:   | Observed Temp. °C 3.2°<br>Corrected Temp. °C #/4  | Sample Condition Cool Intact Cool Intact Wes Tres   | CHECKED BY: Th                           | Standard<br>Rush  | Bacteria (only) Sample Condition Cool Intact Observed Temp. °C |        |
| F-OKIM-000 K 3.3 07/18/22  | † Cardinal car  | Cardinal cannot accent verbal changes   | 2  | Correction Factor 8.6% - 48HKS                                | Nc No Corrected Temp. °C                                       |        |

Page 103 of 103



August 03, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 13:54.

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: 08/01/2023 Sampling Date: 08/01/2023 Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 1 4' (H234053-01)

| 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           | 08/02/2023 | ND           | 2.15 | 108        | 2.00          | 4.78 |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.08 | 104        | 2.00          | 5.19 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.12 | 106        | 2.00          | 3.78 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.39 | 106        | 6.00          | 4.23 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | 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                             | 160    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 188  | 93.9       | 200           | 6.28 |           |
| DRO >C10-C28*                        | 34.5   | 10.0            | 08/02/2023 | ND           | 199  | 99.4       | 200           | 14.5 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 108    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 119    | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 2 4' (H234053-02)

| 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           | 08/02/2023 | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | 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                             | 2000   | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 97.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



08/01/2023

Cool & Intact

Tamara Oldaker

## Analytical Results For:

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

Applyzod By: MC

Received: 08/01/2023 Sampling Date:

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition:
Project Number: 237481 Sample Received By:

Project Location: DEVON - LEA CO., NM

ma/ka

## Sample ID: CS - 3 4' (H234053-03)

RTFY 8021R

| B1EX 8021B                           | mg/    | rkg             | Allalyze   | а ву: мѕ     |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 97.8   | % 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                             | 16.0   | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 101 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 103 9  | % 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. Keine



## Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 4 4' (H234053-04)

| 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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | 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                             | 32.0   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 105 9  | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 107 9  | % 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. Keine



## Analytical Results For:

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

08/01/2023 Sampling Date: 08/01/2023 Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS - 5 4' (H234053-05)

Received:

| 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           | 08/02/2023 | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 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            | 08/02/2023 | 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            | 08/02/2023 | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 106    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 110    | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 6 4' (H234053-06)

| 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           | 08/02/2023 | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | 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                             | 48.0   | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 110    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 113    | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 7 4' (H234053-07)

| 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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | 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                             | 80.0   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 108    | % 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. Keine



## Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 8 4' (H234053-08)

| 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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050  | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050  | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | < 0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300  | 0.300           | 08/02/2023      | 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                             | 112     | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0   | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0   | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 109 9   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 113 %   | 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 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. Keine



## Analytical Results For:

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

Applyzod By: MC

Received: 08/01/2023

ma/ka

Reported: 08/03/2023

Project Name: THISTLE UNIT #46
Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sampling Date: 08/01/2023

Sampling Type: Soil

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

## Sample ID: CS - 9 4' (H234053-09)

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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | 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                             | 128    | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 107    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109    | % 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. Keine



## Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 11 4' (H234053-10)

| 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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | 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                             | 80.0   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 107    | % 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.

Celeg & Freene



## Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

mg/kg

## Sample ID: CS - 13 4' (H234053-11)

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           | 08/02/2023 | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | 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                             | 192    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 97.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 86.6   | % 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



08/01/2023

## Analytical Results For:

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

Sampling Date:

Received: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

#### Sample ID: CS - 14 4' (H234053-12)

| 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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.7   | % 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                             | 1600   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 100 9  | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 96.6   | % 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 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. Keine



Sample Received By:

08/01/2023

Tamara Oldaker

## Analytical Results For:

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

Received: 08/01/2023 Sampling Date:

Reported: 08/03/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 15 4' (H234053-13)

| 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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | 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                             | 368    | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 107    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 110    | % 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. Keine



## Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 17 4' (H234053-14)

| 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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 5  | % 71.5-13       | 4               |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | 'kg             | Analyzed By: AC |              |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 1140   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 105 9  | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 101 9  | % 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. Keine



08/01/2023

# Analytical Results For:

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

Sampling Date:

Received: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481 Sample Received By: Tamara Oldaker
Project Location: DEVON - LEA CO., NM

Sample ID: CS - 18 4' (H234053-15)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | 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                             | 288    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 108    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 113    | % 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: 08/01/2023

Reported: 08/03/2023

Project Name: THISTLE UNIT #46 Project Number: 237481

Project Location: DEVON - LEA CO., NM Sampling Date: 08/01/2023

Sampling Type: Soil

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

## Sample ID: CS - 20 4' (H234053-16)

| 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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | 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                             | 272    | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.1   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 102    | % 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. Keine



## Analytical Results For:

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

Received: 08/01/2023

Reported: 08/03/2023

Project Name: THISTLE UNIT #46 Project Number: 237481

Project Location: DEVON - LEA CO., NM Sampling Date: 08/01/2023

Sampling Type: Soil

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

## Sample ID: CS - 21 4' (H234053-17)

| 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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | 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                             | 48.0   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 108 9  | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109    | % 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. Keine



## Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 22 4' (H234053-18)

| 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           | 08/02/2023 | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 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            | 08/02/2023 | 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            | 08/02/2023 | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 107    | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 23 4' (H234053-19)

| 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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102 5  | % 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                             | 1100   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 106 9  | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 106    | % 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. Keine



## Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 24 4' (H234053-20)

| 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           | 08/02/2023      | ND           | 2.15 | 108        | 2.00          | 4.78  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.08 | 104        | 2.00          | 5.19  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.12 | 106        | 2.00          | 3.78  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.39 | 106        | 6.00          | 4.23  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 5  | % 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                             | 3800   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 106 9  | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109    | % 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. Keine



## Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 25 4' (H234053-21)

| 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           | 08/02/2023      | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 %  | 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                             | 1070   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 165  | 82.3       | 200           | 0.428 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 163  | 81.7       | 200           | 5.08  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 100 %  | 6 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 104 %  | 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 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. Keine



## Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

## Sample ID: CS - 27 4' (H234053-22)

BTEX 8021B

| DIEX GOZID                           | 1119/  | <u>ka</u>       | Allulyzo   | .u by. 5117  |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 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                             | 528    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 85.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 94.8   | % 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.

Celeg & Freene



## Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

## Sample ID: CS - 29 4' (H234053-23)

BTEX 8021B

|                                      | 9/     | 9               | 7          | 1 1 ,        |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | /kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 672    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 87.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 92.3   | % 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.

Celeg & Freene



# Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 31 4' (H234053-25)

| BTEX 8021B                           | mg/    | /kg             | Analyze         | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 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                             | 128    | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 89.7   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.0   | % 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. Keine



# Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 32 4' (H234053-26)

| 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           | 08/02/2023 | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050  | 0.050           | 08/02/2023 | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | < 0.050 | 0.050           | 08/02/2023 | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150  | 0.150           | 08/02/2023 | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300  | 0.300           | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112     | % 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            | 08/02/2023 | 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            | 08/02/2023 | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | 177     | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | 58.4    | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 87.9    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 85.3    | % 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. Keine



## Analytical Results For:

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

Fax To:

 Received:
 08/01/2023
 Sampling Date:
 08/01/2023

 Reported:
 08/03/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 33 4' (H234053-27)

| BTEX 8021B                           | mg     | /kg             | Analyze    | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | 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                             | 512    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 95.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 100    | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

## Sample ID: CS - 35 4' (H234053-28)

RTFY 8021R

| B1EX 8021B                           | mg/    | кg              | Anaiyze         | a By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 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                             | 336    | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 93.2   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 96.8   | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 37 4' (H234053-29)

| BTEX 8021B                           | mg/    | kg              | Analyze         | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 %  | 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                             | 1150   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 92.1 9 | 48.2-13         | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.6   | % 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 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. Keine



## Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

## Sample ID: CS - 38 4' (H234053-30)

BTEX 8021B

| DILX GOZID                           | ıııg,  | , kg            | Andryzo    | .u Dy. 3117  |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112    | % 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            | 08/02/2023 | 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            | 08/02/2023 | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.4   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 108    | % 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. Keine



## Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

## Sample ID: CS - 39 4' (H234053-31)

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           | 08/02/2023 | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023 | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023 | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023 | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113    | % 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                             | 288    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 93.3   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 98.8   | % 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



08/01/2023

Soil

## Analytical Results For:

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

Sampling Type:

Received: 08/01/2023 Sampling Date:

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

08/03/2023

ma/ka

Sample ID: CS - 40 4' (H234053-32)

Reported:

RTFY 8021R

| Result < 0.050 < 0.050 < 0.050 | Reporting Limit 0.050 0.050        | Analyzed 08/02/2023   | Method Blank  | BS<br>2.11  | % Recovery   | True Value QC  | RPD   | Qualifier   |
|--------------------------------|------------------------------------|---|---|---|--|--|---|---|
| <0.050                         |                                    |   | ND  | 2 11  |  |  |   |   |
|                                | 0.050                              |   |   | 2.11  | 105  | 2.00   | 5.41  |   |
| <0.050                         |                                    | 08/02/2023  | ND  | 1.99  | 99.5   | 2.00   | 4.95  |   |
|                                | 0.050                              | 08/02/2023  | ND  | 2.05  | 103  | 2.00   | 5.40  |   |
| <0.150                         | 0.150                              | 08/02/2023  | ND  | 6.08  | 101  | 6.00   | 5.78  |   |
| <0.300                         | 0.300                              | 08/02/2023  | ND  |   |  |  |   |   |
| 110 %                          | 6 71.5-13                          | 4   |   |   |  |  |   |   |
| mg/kg                          |                                    | Analyzed By: AC   |   |   |  |  |   |   |
| Result                         | Reporting Limit                    | Analyzed  | Method Blank  | BS  | % Recovery   | True Value QC  | RPD   | Qualifier   |
| 480                            | 16.0                               | 08/02/2023  | 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                               | 08/02/2023  | ND  | 171   | 85.4   | 200  | 0.556   |   |
| <10.0                          | 10.0                               | 08/02/2023  | ND  | 180   | 90.0   | 200  | 3.92  |   |
| <10.0                          | 10.0                               | 08/02/2023  | ND  |   |  |  |   |   |
| 89.1                           | 26 48.2-13                         | 4   |   |   |  |  |   |   |
|                                |                                    |   |   |   |  |  |   |   |
| F <                            | mg/<br>Result < 10.0 < 10.0 < 10.0 | Result Reporting Limit  10.0 10.0  10.0  10.0  10.0  10.0  10.0 | 480         16.0         08/02/2023           mg/kg         Analyze           Result         Reporting Limit         Analyzed           <10.0 | 480         16.0         08/02/2023         ND           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank           \$10.0         10.0         08/02/2023         ND           \$10.0         10.0         08/02/2023         ND           \$10.0         10.0         08/02/2023         ND | 480         16.0         08/02/2023         ND         400           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS           \$10.0         10.0         08/02/2023         ND         171           \$10.0         10.0         08/02/2023         ND         180           \$10.0         10.0         08/02/2023         ND | 480         16.0         08/02/2023         ND         400         100           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery           \$10.0         10.0         08/02/2023         ND         171         85.4           \$10.0         10.0         08/02/2023         ND         180         90.0           \$10.0         10.0         08/02/2023         ND         ND | 480         16.0         08/02/2023         ND         400         100         400           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC           \$10.0         10.0         08/02/2023         ND         171         85.4         200           \$10.0         10.0         08/02/2023         ND         180         90.0         200           \$10.0         10.0         08/02/2023         ND         ND         10.0         10.0         08/02/2023         ND         10.0 | 480         16.0         08/02/2023         ND         400         100         400         7.69           mg/kg         Analyzed By: MS           Result         Reporting Limit         Analyzed         Method Blank         BS         % Recovery         True Value QC         RPD           \$10.0         10.0         08/02/2023         ND         171         85.4         200         0.556           \$10.0         10.0         08/02/2023         ND         180         90.0         200         3.92           \$10.0         10.0         08/02/2023         ND         ND         17         10.0 <td< td=""></td<> |

# 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. Keine



## Analytical Results For:

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

Received: 08/01/2023

Reported: 08/03/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM Sampling Date: 08/01/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

## Sample ID: CS - 42 4' (H234053-33)

| 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           | 08/02/2023      | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/02/2023      | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/02/2023      | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/02/2023      | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109    | % 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            | 08/02/2023      | 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            | 08/02/2023      | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 92.6   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 100    | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 45 4' (H234053-34)

| 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           | 08/03/2023      | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023      | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023      | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023      | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 %  | 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                             | 688    | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.5   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 99.5   | % 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. Keine



## Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 46 4' (H234053-35)

| 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           | 08/03/2023      | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023      | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023      | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023      | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112    | % 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                             | 912    | 16.0            | 08/02/2023      | ND           | 432  | 108        | 400           | 0.00  | QM-07     |
| 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            | 08/02/2023      | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.8   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 103    | % 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. Keine



## Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

## Sample ID: CS - 47 4' (H234053-36)

|                             | % Recovery         |           |                    |  |  |                                |  |
|-----------------------------|--------------------|-----------|--------------------|--|--|--------------------------------|--|
|                             | 70 Recovery        | BS        | Method Blank       | Analyzed   | Reporting Limit                        | Result                         | Analyte  |
| 2.00 5.41                   | 105                | 2.11      | ND                 | 08/03/2023   | 0.050                                  | <0.050                         | Benzene*   |
| 2.00 4.95                   | 99.5               | 1.99      | ND                 | 08/03/2023   | 0.050                                  | <0.050                         | Toluene*   |
| 2.00 5.40                   | 103                | 2.05      | ND                 | 08/03/2023   | 0.050                                  | <0.050                         | Ethylbenzene*  |
| 6.00 5.78                   | 101                | 6.08      | ND                 | 08/03/2023   | 0.150                                  | <0.150                         | Total Xylenes*   |
|                             |                    |           | ND                 | 08/03/2023   | 0.300                                  | <0.300                         | Total BTEX   |
|                             |                    |           |                    | 4  | % 71.5-13                              | 112 9                          | Surrogate: 4-Bromofluorobenzene (PID   |
|                             |                    |           | Analyzed By: AC    |  | mg/kg                                  |                                | Chloride, SM4500Cl-B   |
| ry True Value QC RPD Qualif | % Recovery         | BS        | Method Blank       | Analyzed   | Reporting Limit                        | Result                         | Analyte  |
| 400 0.00                    | 108                | 432       | ND                 | 08/02/2023   | 16.0                                   | 336                            | Chloride   |
|                             |                    |           | d By: MS           | Analyze  | /kg                                    | mg,                            | TPH 8015M  |
| ry True Value QC RPD Qualif | % Recovery         | BS        | Method Blank       | Analyzed   | Reporting Limit                        | Result                         | Analyte  |
| 200 0.556                   | 85.4               | 171       | ND                 | 08/02/2023   | 10.0                                   | <10.0                          | GRO C6-C10*  |
| 200 3.92                    | 90.0               | 180       | ND                 | 08/02/2023   | 10.0                                   | <10.0                          | DRO >C10-C28*  |
|                             |                    |           | ND                 | 08/02/2023   | 10.0                                   | <10.0                          | EXT DRO >C28-C36   |
|                             |                    |           |                    | 4  | % 48.2-13                              | 96.2                           | Surrogate: 1-Chlorooctane  |
|                             |                    |           |                    | 8  | % 49.1-14                              | 105                            | Surrogate: 1-Chlorooctadecane  |
|                             | % Recovery<br>85.4 | BS<br>171 | Method Blank ND ND | Analyzed Analyzed 08/02/2023 08/02/2023 08/02/2023 | Reporting Limit 10.0 10.0 10.0 48.2-13 | Result <10.0 <10.0 <10.0 <96.2 | Analyte  GRO C6-C10*  DRO >C10-C28*  EXT DRO >C28-C36  Surrogate: 1-Chlorooctane |

# 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

## Sample ID: CS - 49 4' (H234053-37)

BTEX 8021B

| DILX GOZID                           | ıııg,  | - Kg            | Allulyzo   | .u Dy. 3117  |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113    | % 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            | 08/02/2023 | 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            | 08/02/2023 | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 97.5   | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

## Sample ID: CS - 50 4' (H234053-38)

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           | 08/03/2023 | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113    | % 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            | 08/02/2023 | 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            | 08/02/2023 | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 100    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 106    | % 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. Keine



# Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

## Sample ID: CS - 51 4' (H234053-39)

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           | 08/03/2023      | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | < 0.050 | 0.050           | 08/03/2023      | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | < 0.050 | 0.050           | 08/03/2023      | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150  | 0.150           | 08/03/2023      | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300  | 0.300           | 08/03/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 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                             | 1340    | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0   | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0   | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 95.6    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 105     | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 52 4' (H234053-40)

| 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           | 08/03/2023 | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050  | 0.050           | 08/03/2023 | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | < 0.050 | 0.050           | 08/03/2023 | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150  | 0.150           | 08/03/2023 | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300  | 0.300           | 08/03/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113     | % 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                             | 6960    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0   | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0   | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 101     | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109     | % 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.

Celeg & Keene



### Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: JH/

Project Location: DEVON - LEA CO., NM

mg/kg

### Sample ID: CS - 53 4' (H234053-41)

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           | 08/03/2023 | ND           | 2.11 | 105        | 2.00          | 5.41  |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 1.99 | 99.5       | 2.00          | 4.95  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.05 | 103        | 2.00          | 5.40  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.08 | 101        | 6.00          | 5.78  |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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                             | 4040   | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 171  | 85.4       | 200           | 0.556 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 3.92  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 118    | % 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 & Kreene



### Analytical Results For:

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

08/01/2023

Reported: 08/03/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sampling Date: 08/01/2023

Sampling Type: Soil

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

## Sample ID: CS - 55 4' (H234053-42)

Received:

| Benzene*       <0.050       0.050       08/03/2023       ND       2.14         Toluene*       <0.050       0.050       08/03/2023       ND       2.09         Ethylbenzene*       <0.050       0.050       08/03/2023       ND       2.10         Total Xylenes*       <0.150       0.150       08/03/2023       ND       6.31         Total BTEX       <0.300       0.300       08/03/2023       ND | Recovery Tru<br>107<br>104<br>105<br>105 | 2.00<br>2.00<br>2.00 | RPD Qualifie<br>4.41<br>6.28<br>3.72 |
|--|--|----------------------|--------------------------------------|
| Toluene* <0.050 0.050 08/03/2023 ND 2.09 Ethylbenzene* <0.050 0.050 08/03/2023 ND 2.10 Total Xylenes* <0.150 0.150 08/03/2023 ND 6.31 Total BTEX <0.300 0.300 08/03/2023 ND  | 104<br>105                               | 2.00                 | 6.28                                 |
| Ethylbenzene* <0.050 0.050 08/03/2023 ND 2.10  Total Xylenes* <0.150 0.150 08/03/2023 ND 6.31  Total BTEX <0.300 0.300 08/03/2023 ND   | 105                                      | 2.00                 |                                      |
| Total Xylenes* <0.150 0.150 08/03/2023 ND 6.31  Total BTEX <0.300 0.300 08/03/2023 ND  |  |                      | 3.72                                 |
| Total BTEX <0.300 0.300 08/03/2023 ND  | 105                                      | 6.00                 |                                      |
|  |  |                      | 4.11                                 |
|  |  |                      |                                      |
| Surrogate: 4-Bromofluorobenzene (PID 101 % 71.5-134  |  |                      |                                      |
| Chloride, SM4500Cl-B mg/kg Analyzed By: AC   |  |                      |                                      |
| Analyte Result Reporting Limit Analyzed Method Blank BS % I  | Recovery Tru                             | ie Value QC          | RPD Qualifie                         |
| <b>Chloride 896</b> 16.0 08/02/2023 ND 432   | 108                                      | 400                  | 0.00                                 |
| TPH 8015M mg/kg Analyzed By: MS  |  |                      |                                      |
| Analyte Result Reporting Limit Analyzed Method Blank BS % I  | Recovery Tru                             | ie Value QC          | RPD Qualifie                         |
| GRO C6-C10* <10.0 10.0 08/02/2023 ND 172   | 86.0                                     | 200                  | 6.18                                 |
| DRO >C10-C28* <10.0 10.0 08/02/2023 ND 180   | 90.0                                     | 200                  | 4.36                                 |
| EXT DRO >C28-C36 <10.0 10.0 08/02/2023 ND  |  |                      |                                      |
| Surrogate: 1-Chlorooctane 90.1 % 48.2-134  |  |                      |                                      |
| Surrogate: 1-Chlorooctadecane 99.3 % 49.1-148  |  |                      |                                      |

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. Keine



### Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 59 5' (H234053-43)

| 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           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 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                             | 752    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | 31.3   | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 93.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 104 9  | % 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. Keine



### Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 60 5' (H234053-44)

| 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           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 100 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                             | 816    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 93.7   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 104 9  | % 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. Keine



### Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MS

Project Location: DEVON - LEA CO., NM

mg/kg

### Sample ID: CS - 64 5' (H234053-45)

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           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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                             | 720    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 119    | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 65 2' (H234053-46)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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                             | 560    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | 234    | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | 40.8   | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 81.5   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 96.6   | % 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



08/01/2023

Soil

### Analytical Results For:

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

Sampling Date:

Sampling Type:

Received: 08/01/2023

Reported: 08/03/2023

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 1A 0-4' (H234053-47)

| 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           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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            | 08/02/2023 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 95.9   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 107    | % 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. Keine



### Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 2A 0-4' (H234053-48)

| Analyte         Result         Reporting Limit         Analyzed         Method Blank         BS         9           Benzene*         <0.050         0.050         08/03/2023         ND         2.14           Toluene*         <0.050         0.050         08/03/2023         ND         2.09           Ethylbenzene*         <0.050         0.050         08/03/2023         ND         2.10           Total Xylenes*         <0.150         0.150         08/03/2023         ND         6.31 | % Recovery 107 104 105 105 | True Value QC<br>2.00<br>2.00<br>2.00<br>6.00 | 4.41<br>6.28<br>3.72<br>4.11 | Qualifier |
|--|----------------------------|---|------------------------------|-----------|
| Toluene* <0.050 0.050 08/03/2023 ND 2.09 Ethylbenzene* <0.050 0.050 08/03/2023 ND 2.10   | 104<br>105                 | 2.00<br>2.00                                  | 6.28<br>3.72                 |           |
| Ethylbenzene* <0.050 0.050 08/03/2023 ND 2.10  | 105                        | 2.00  | 3.72                         |           |
| • •  |                            |   |                              |           |
| Total Xylenes* <0.150 0.150 08/03/2023 ND 6.31   | 105                        | 6.00  | 4.11                         |           |
|  |                            |   |                              |           |
| Total BTEX <0.300 0.300 08/03/2023 ND  |                            |   |                              |           |
| Surrogate: 4-Bromofluorobenzene (PID 105 % 71.5-134  |                            |   |                              |           |
| Chloride, SM4500Cl-B mg/kg Analyzed By: AC   |                            |   |                              |           |
| Analyte Result Reporting Limit Analyzed Method Blank BS 9  | % Recovery                 | True Value QC                                 | RPD                          | Qualifier |
| <b>Chloride 128</b> 16.0 08/02/2023 ND 432   | 108                        | 400   | 0.00                         |           |
| TPH 8015M mg/kg Analyzed By: MS  |                            |   |                              |           |
| Analyte Result Reporting Limit Analyzed Method Blank BS 9  | % Recovery                 | True Value QC                                 | RPD                          | Qualifier |
| GRO C6-C10* <10.0 10.0 08/02/2023 ND 172   | 86.0                       | 200   | 6.18                         |           |
| <b>DRO &gt;C10-C28* 14.3</b> 10.0 08/02/2023 ND 180  | 90.0                       | 200   | 4.36                         |           |
| EXT DRO >C28-C36 <10.0 10.0 08/02/2023 ND  |                            |   |                              |           |
| Surrogate: 1-Chlorooctane 106 % 48.2-134   |                            |   |                              |           |
| Surrogate: 1-Chlorooctadecane 120 % 49.1-148   |                            |   |                              |           |

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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 5A 0-4' (H234053-49)

RTFY 8021R

| BIEX 8021B                           | mg     | / kg            | Anaiyze    | а ву: м5     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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                             | 48.0   | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 118    | % 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. Keine



## Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 6A 0-4' (H234053-50)

RTFY 8021R

| X 8021B                          | mg/      | кд              | Anaiyze    | ea By: MS    |      |            |               |      |           |
|----------------------------------|----------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                          | Result   | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| nzene*                           | <0.050   | 0.050           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| uene*                            | <0.050   | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| ylbenzene*                       | <0.050   | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| al Xylenes*                      | <0.150   | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| al BTEX                          | <0.300   | 0.300           | 08/03/2023 | ND           |      |            |               |      |           |
| rogate: 4-Bromofluorobenzene (P. | ID 102 % | % 71.5-13       | 4          |              |      |            |               |      |           |
| oride, SM4500Cl-B                | mg/      | /kg             | Analyze    | ed By: AC    |      |            |               |      |           |
| Analyte                          | Result   | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| loride                           | 32.0     | 16.0            | 08/02/2023 | ND           | 432  | 108        | 400           | 0.00 |           |
| 1 8015M                          | mg/      | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
| Analyte                          | Result   | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| O C6-C10*                        | <10.0    | 10.0            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| O >C10-C28*                      | <10.0    | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| Γ DRO >C28-C36                   | <10.0    | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| rogate: 1-Chlorooctane           | 96.9 9   | % 48.2-13       | 4          |              |      |            |               |      |           |
| rogate: 1-Chlorooctadecane       | 110 %    | % 49.1-14       | 8          |              |      |            |               |      |           |
| <u> </u>                         |          |                 |            |              |      |            |               |      |           |

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:

08/01/2023

Reported: 08/03/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM Sampling Date: 08/01/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

### Sample ID: SW - 7A 0-4' (H234053-51)

Received:

| 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           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 101 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                             | 1420   | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 116 9  | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 132 9  | % 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. Keine



### Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 8A 0-4' (H234053-52)

| 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           | 08/03/2023      | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023      | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023      | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023      | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 99.9   | % 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                             | 64.0   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 89.9   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 103 9  | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 9A 0-4' (H234053-53)

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           | 08/03/2023      | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023      | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023      | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023      | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023      | 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                             | 64.0   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 95.1   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 108    | % 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. Keine



### Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 10A 0-4' (H234053-54)

| 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           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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                             | 544    | 16.0            | 08/02/2023 | ND           | 416  | 104        | 400           | 3.92 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 91.0   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 103    | % 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. Keine



### Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 11A 0-4' (H234053-55)

| 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           | 08/03/2023      | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023      | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023      | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023      | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023      | 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                             | 368    | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 96.6   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 109    | % 49.1-14       | 8               |              |      |            |               |      |           |
| Surroguie. 1-Chioroociuuecune        | 109    | /U +7.1=1+      | O               |              |      |            |               |      |           |

## 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



08/01/2023

### Analytical Results For:

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

Received: 08/01/2023 Sampling Date:

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 12A 0-4' (H234053-56)

| 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           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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                             | 176    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 84.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 88.6   | % 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 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:
 08/01/2023
 Sampling Date:
 08/01/2023

 Reported:
 08/03/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 13A 0-4' (H234053-57)

| 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           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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                             | 912    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 92.5   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 105    | % 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: 08/01/2023 Sampling Date: 08/01/2023 Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 15A 0-4' (H234053-58)

| 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           | 08/03/2023      | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023      | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023      | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023      | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 98.9   | % 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                             | 4040   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 96.9   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 108 9  | % 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: 08/01/2023

Reported: 08/03/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM Sampling Date: 08/01/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

### Sample ID: SW - 16A 0-4' (H234053-59)

| 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           | 08/03/2023      | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023      | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023      | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023      | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 102    | % 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                             | 656    | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023      | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 94.5   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 107    | % 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.

Celeg D. Keene



### Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 17A 0-4' (H234053-60)

| 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           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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                             | 1840   | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 112    | % 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: 08/01/2023

Reported: 08/03/2023

Project Name: THISTLE UNIT #46
Project Number: 237481

Project Location: DEVON - LEA CO., NM

Sampling Date: 08/01/2023

Sampling Type: Soil

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

### Sample ID: SW - 18A 0-5' (H234053-61)

| 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           | 08/03/2023 | ND           | 2.14 | 107        | 2.00          | 4.41 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 2.09 | 104        | 2.00          | 6.28 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 2.10 | 105        | 2.00          | 3.72 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 6.31 | 105        | 6.00          | 4.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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                             | 624    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 172  | 86.0       | 200           | 6.18 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 180  | 90.0       | 200           | 4.36 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 93.6   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 106    | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 19A 0-5' (H234053-62)

| 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           | 08/03/2023 | ND           | 1.98 | 99.2       | 2.00          | 0.642 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 1.90 | 95.2       | 2.00          | 0.971 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 1.95 | 97.6       | 2.00          | 1.19  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 5.76 | 95.9       | 6.00          | 0.697 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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                             | 384    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 170  | 85.0       | 200           | 5.51  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 184  | 92.0       | 200           | 6.21  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109    | % 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. Keine



### Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 20A 0-2' (H234053-63)

| 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           | 08/03/2023      | ND           | 1.98 | 99.2       | 2.00          | 0.642 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023      | ND           | 1.90 | 95.2       | 2.00          | 0.971 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023      | ND           | 1.95 | 97.6       | 2.00          | 1.19  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023      | ND           | 5.76 | 95.9       | 6.00          | 0.697 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 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                             | 1170   | 16.0            | 08/02/2023      | 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            | 08/02/2023      | ND           | 170  | 85.0       | 200           | 5.51  |           |
| DRO >C10-C28*                        | 12.8   | 10.0            | 08/02/2023      | ND           | 184  | 92.0       | 200           | 6.21  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.3   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109    | % 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



Tamara Oldaker

### Analytical Results For:

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

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Sample Received By: Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 21A 0-5' (H234053-64)

| 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           | 08/03/2023 | ND           | 1.98 | 99.2       | 2.00          | 0.642 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 1.90 | 95.2       | 2.00          | 0.971 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 1.95 | 97.6       | 2.00          | 1.19  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 5.76 | 95.9       | 6.00          | 0.697 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 113 9  | 71.5-13         | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg/    | kg              | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 576    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 170  | 85.0       | 200           | 5.51  |           |
| DRO >C10-C28*                        | 37.3   | 10.0            | 08/02/2023 | ND           | 184  | 92.0       | 200           | 6.21  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 94.6   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 94.5   | % 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: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 24A 2-5' (H234053-65)

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           | 08/03/2023 | ND           | 1.98 | 99.2       | 2.00          | 0.642 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 1.90 | 95.2       | 2.00          | 0.971 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 1.95 | 97.6       | 2.00          | 1.19  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 5.76 | 95.9       | 6.00          | 0.697 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 115    | % 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                             | 736    | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 170  | 85.0       | 200           | 5.51  |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/02/2023 | ND           | 184  | 92.0       | 200           | 6.21  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 107    | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 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. Keine



### Analytical Results For:

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

Fax To:

Received: 08/01/2023 Sampling Date: 08/01/2023

Reported: 08/03/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 66 2' (H234053-67)

| 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           | 08/03/2023 | ND           | 1.98 | 99.2       | 2.00          | 0.642 |           |
| Toluene*                             | <0.050 | 0.050           | 08/03/2023 | ND           | 1.90 | 95.2       | 2.00          | 0.971 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/03/2023 | ND           | 1.95 | 97.6       | 2.00          | 1.19  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/03/2023 | ND           | 5.76 | 95.9       | 6.00          | 0.697 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/03/2023 | 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                             | 1920   | 16.0            | 08/02/2023 | 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            | 08/02/2023 | ND           | 168  | 83.9       | 200           | 5.18  |           |
| DRO >C10-C28*                        | 71.1   | 10.0            | 08/02/2023 | ND           | 153  | 76.5       | 200           | 6.12  |           |
| EXT DRO >C28-C36                     | 28.4   | 10.0            | 08/02/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 70.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 68.3   | % 49.1-14       | 18         |              |      |            |               |       |           |
|                                      |        |                 |            |              |      |            |               |       |           |

## 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. Keine



### **Notes and Definitions**

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

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.

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

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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 of 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.

Celeg D. Freene





Address: Company Name:

NTG Environmental

Carlsbad, NM 88220 402 E Wood Ave

Address:

Bill to: (if different)

Company Name:

Devon Energy

Wesley Mathews

6488 Seven Rivers Highway

☐ Level IV ☐

State of Project:

Program: UST/PST PRP Brownfields RRC

\_uperfund \_

**Work Order Comments** 

of

| City, State ZIP:  | Carlsbad, NM 88220   | 8220   |   |   | City, State ZIP  | ZIP:          |                      | Artesia, NM 88210                 | MN E                             | 88210       |                                   |                                    |                       |                    | Kepc                            | orting:                        | evel              | Reporting:Level II Level III LPSI/USI | vei III | 5      | 100               | □ KKT   |                  | Level IV                   |
|---|--|--|---|---|--|---------------|----------------------|-----------------------------------|----------------------------------|-------------|-----------------------------------|------------------------------------|-----------------------|--------------------|---------------------------------|--------------------------------|-------------------|---------------------------------------|---------|--------|-------------------|---|------------------|----------------------------|
| Phone:  | 254-266-5456   |  |   | Email:  | Wesley.Mathews@dvn.com   | lathews(      | dvn.c                | om                                |                                  |             |                                   |                                    |                       |                    | Deliv                           | erable                         | Deliverables: EDD |                                       |         | ADaPT  | 1                 | 9   | Other:           |                            |
| Project Name:   | This   | Thistle Unit #46                                       |   | Turr  | Turn Around  |               |                      |                                   |                                  |             |                                   | AN                                 | ALYSI                 | SREC               | ANALYSIS REQUEST                | 7                              |                   |                                       |         |        |                   | Prese   | rvativ           | Preservative Codes         |
| Project Number:   |  | 237481   |   | Routine   | ✓ Rush   |               | Pres.<br>Code        |                                   |                                  |             |                                   |                                    |                       |                    |                                 |                                | T                 |                                       |         |        | None: NO          | NO  |                  | DI Water: H <sub>2</sub> O |
| Project Location  | , Cyle   | Lea Co. NM   |   | Due Date:   | 48hr   |               |                      |                                   | )                                |             |                                   |                                    |                       |                    |                                 |                                |                   |                                       |         |        | Cool              | Cool: Cool  |                  | MeOH: Me                   |
| Sampler's Name:   | of property  | r Jopidan Tyner  |   | TAT starts the day received by the lab, if received by 4:30pm | starts the day received by lab, if received by 4:30pm  | by the        | •                    |                                   | + MRO                            |             | _                                 |                                    |                       |                    |                                 |                                |                   |                                       |         |        | HCL: HC           | H H   |                  | HNO3: HN                   |
| SAMPLE RECEIPT  |  | Temp Blank:  | Yes Mo  | Wet Ice:  | (Yes) No   | No            | neter                | IB                                | DRO                              | 00          |                                   | _                                  |                       |                    |                                 |                                |                   |                                       |         |        | H <sub>3</sub> PC | H₃PO₄: HP   |                  |                            |
| Received Intact:  |  | Yes No   |   | eter ID:  | 140  |               | ram                  | 8021                              | 0+1                              | ie 45       | _                                 | _                                  |                       |                    | ,                               |                                |                   |                                       |         | LD     | NaHS              | NaHSO4: NABIS   | ABIS             |                            |
| Cooler Custody Seals  | Yes  | No NA  | Correction Factor:                                | Factor:   | 1  | 1             | Pa                   | ΓEΧ                               | GR                               | lorio       | _                                 |                                    |                       |                    |                                 |                                |                   |                                       |         | НО     | Na <sub>2</sub> S | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> | aSO <sub>3</sub> |                            |
| Sample Custody Seals  | Yes  | No N/A   | Temperat  | Temperature Reading:  | 1,2  | C             |                      | В                                 | 5M (                             | Ch          |                                   | _                                  |                       |                    |                                 |                                |                   |                                       |         |        | Zn Ac             | Zn Acetate+NaOH: Zn   | NaOH             | t: Zn                      |
| Total Containers:   |  | 1  | Corrected   | Corrected Temperature:  | 1  |               |                      |                                   | 801                              | _           |                                   | _                                  |                       |                    |                                 |                                |                   |                                       |         |        | NaOH              | H+Asc   | orbic A          | NaOH+Ascorbic Acid: SAPC   |
| Sample Identification   | tification   | Date   | Time  | Soil  | Water  | Grab/<br>Comp | # of<br>Cont         |                                   | TPH                              |             | _                                 |                                    |                       |                    |                                 |                                |                   |                                       |         |        |                   | Samp  | le Co            | Sample Comments            |
| CS-1 4  | 4.   | 8/1/2023   |   | ×   |  | Comp          | <u>→</u>             | ×                                 | ×                                | ×           |                                   | +                                  |                       |                    |                                 |                                |                   |                                       |         |        |                   |   |                  |                            |
| CS-2 4  | 4  | 8/1/2023   |   | ×   |  | Comp          | 1                    | ×                                 | ×                                | ×           |                                   | -                                  |                       |                    |                                 | T                              |                   |                                       |         |        |                   |   |                  |                            |
| CS-3 4'   | 4'   | 8/1/2023   |   | ×   |  | Comp          | 1                    | ×                                 | ×                                | ×           |                                   | -                                  |                       |                    |                                 |                                |                   |                                       |         |        |                   |   |                  |                            |
| CS-4 4  | 4'   | 8/1/2023   |   | ×   |  | Comp          | _                    | ×                                 | ×                                | ×           |                                   | -                                  |                       |                    |                                 |                                |                   |                                       |         |        |                   |   |                  |                            |
| CS-5 4'   | 4'   | 8/1/2023   |   | ×   |  | Comp          | _                    | ×                                 | ×                                | ×           |                                   |                                    |                       |                    |                                 |                                |                   |                                       |         |        | 1                 |   |                  |                            |
| CS-6 4  | 4'   | 8/1/2023   |   | ×   |  | Comp          | 1                    | ×                                 | ×                                | ×           |                                   | -                                  |                       |                    |                                 |                                |                   |                                       |         |        |                   |   |                  |                            |
| 7 CS-7 4  | 4'   | 8/1/2023   |   | ×   |  | Comp          | 1                    | ×                                 | ×                                | ×           |                                   |                                    |                       |                    |                                 |                                |                   |                                       |         |        |                   |   |                  |                            |
| CS-8 4  | 4'   | 8/1/2023   |   | ×   |  | Comp          | 1                    | ×                                 | ×                                | ×           |                                   |                                    |                       |                    |                                 |                                |                   |                                       |         |        |                   |   |                  |                            |
| CS-9 4  | 4'   | 8/1/2023   |   | ×   |  | Comp          | 1                    | ×                                 | ×                                | ×           |                                   |                                    |                       |                    |                                 |                                |                   |                                       |         |        |                   |   |                  |                            |
| O CS-11 4   | 4'   | 8/1/2023   |   | ×   |  | Comp          | _                    | ×                                 | ×                                | ×           |                                   | -                                  |                       | Г                  |                                 | Г                              | Г                 |                                       | Г       |        |                   |   |                  |                            |
| Additio   | 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. | document and reling<br>liable only for the co<br>arge of \$85.00 will be | uishment of sam<br>st of samples an<br>applied to each | ples constitut<br>d shall not as<br>project and a | es a valid purchas<br>sume any respons<br>charge of \$5 for e | se order from<br>sibility for any<br>each sample s   | client comp   | expenses<br>Xenco, t | enco, its<br>incurre<br>out not a | affiliate<br>d by the<br>nalyzed | client if s | bcontrac<br>such loss<br>erms wil | tors. It a<br>ses are d<br>be enfo | ssigns s<br>se to cin | tandard<br>cumstar | terms a<br>ces bey<br>lously no | and con<br>ond the<br>egotiate | ditions<br>contro |                                       |         |        |                   |   |                  |                            |
| Relinquished by: (Signature)  | : (Signature)  | /  | Received by:                                      | d by: (Signature)   | (e)  |               |                      | Date/Time                         | ime                              |             | Relin                             | Relinquished                       |                       | by: (Signature)    | ure)                            |                                | Rec               | Received by: (Signature)              | by: (S  | ignatu | ıre)              |   | D                | Date/Time                  |
| 1   |  | Male   | Maria   | Cular   | A STATE OF THE STA |               | 8-1-8                | 3                                 | 135                              | 7/2         |                                   |                                    |                       |                    |                                 | 1                              |                   |                                       |         |        |                   | +   |                  |                            |
| n   |  |  |   |   | \  | 1             |                      |                                   |                                  | on .        |                                   |                                    |                       |                    |                                 | T                              |                   |                                       |         |        |                   | +   |                  |                            |
|   |  |  |   |   |  |               |                      |                                   |                                  | -           |                                   |                                    |                       |                    |                                 | 1                              |                   |                                       |         |        |                   | -   | 2                | 2000                       |

| Wo     |
|--------|
| rk Or  |
| der No |
| 5:     |
| 3      |
| 394    |
| 8      |

Company Name: Project Manager:

402 E Wood Ave NTG Environmental Ethan Sessums

Address: Company Name: Bill to: (it different)

6488 Seven Rivers Highway

State of Project:

Program: UST/PST PRP Brownfields RRC

\_uperfund \_

Work Order Comments

of

Devon Energy Wesley Mathews

# Chain of Custody





| City State ZIP  | Carlshad NM 88220   | R220   |  |   | City State ZIP                            | D  | Arte                                    | Artesia NM 88210                      | 188210                                   |  |  | Rep  | orting:Lev                | Reporting:Level II Level III PST/UST | IIII Ds   | T/UST   TRRP                                    | RP Level IV                |
|---|---|--|--|---|---|--|---|---------------------------------------|--|--|--|--|---------------------------|--------------------------------------|-----------|---|----------------------------|
|   | 254-266-5456  |  |  | Email:  | Email: Wesley.Mathews@dvn.com             | hews@dv                                      | vn.com                                  |                                       |  |  |  | Deliv  | Deliverables: EDD         | EDD                                  | ADal      | ADaPT Ot  |                            |
| Project Name:   | Thist   | Thistle Unit #46                                       |  | Turn  | Turn Around                               |  |   |                                       |  | A  |  | NALYSIS REQUEST  | 7                         |                                      |           | Prese   | Preservative Codes         |
| Project Number:   | 2   | 237481   |  | Routine   | Rush                                      | Pres.<br>Code                                | de is                                   |                                       |  |  |  |  |                           |                                      | -         | None: NO  | DI Water: H <sub>2</sub> O |
| Project Location  | Lea   | Lea Co. NM   |  | Due Date:   | 48hr                                      |  |   |                                       |  |  |  |  |                           |                                      |           | Cool: Cool                                      | меон: ме                   |
| Sampler's Name 2/6  | Sit   | Jordan Tyner   |  | TAT starts the  | TAT starts the day received by the        | the  |   | IRO)                                  |  |  | _  |  |                           |                                      | _         | HCL: HC   | HNO <sub>3</sub> : HN      |
| PO#:  |   |  |  | lab, if rece  | lab, if received by 4:30pm                |  |   | + M                                   |  |  |  |  |                           |                                      |           | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> | NaOH: Na                   |
| SAMPLE RECEIPT  |   | Temp Blank:  | Yes No   | Wet Ice:  | Yes No                                    | neter  | -                                       | DRO                                   | 500                                      |  | _  |  |                           |                                      |           | H <sub>3</sub> PO <sub>4</sub> : HP             |                            |
| Received Intact:  |   | Yes No   | _  | ter ID:   | 140                                       | aran   | 802                                     | 0+                                    | de 4                                     |  | -  |  |                           |                                      | DLD       | NaHSO₄:·NABIS                                   | ABIS                       |
| Cooler Custody Seals:   | Yes   | No NIA   | Correction Factor                                  | Factor:   | 1   | Pa   |   | GR                                    | lori                                     |  |  |  |                           |                                      | нс        | Na2S2O3: NaSO3                                  | 303                        |
| Sample Custody Seals:   |   | No (N/A  | Temperatu  | Temperature Reading:  | 1,30                                      | 130  | В                                       | 5M (                                  | Ch                                       |  |  |  |                           |                                      |           | Zn Acetate+NaOH: Zn                             | NaOH: Zn                   |
| Total Containers:   | 13  | (  | Corrected  | Corrected Temperature:  | 1   |  |   | 801                                   |  |  |  |  |                           |                                      | _         | NaOH+Asco                                       | NaOH+Ascorbic Acid: SAPC   |
| Sample Identification   | fication  | Date   | Time   | Soil  | Water Gr                                  |  | of                                      | ТРН                                   |  |  |  |  |                           |                                      | _         | Samp  | Sample Comments            |
| CC 13 A   |   | 0/4/2022   |  | <   | 0 6                                       | Grah/  | ×                                       | <                                     | <  | 1  |  | -  | 1                         | +                                    | +         |   |                            |
|   | 4.  | 8/1/2023   |  | ×   | G.  | Grab/ 1                                      | ×                                       | ×                                     | ×  |  |  |  |                           |                                      | +         |   |                            |
| CS-15 4   | 4.  | 8/1/2023   |  | ×   | Gr  | Grab/ 1                                      | ×                                       | ×                                     | ×  |  |  |  |                           |                                      |           |   |                            |
| CS-17 4   | 4.  | 8/1/2023   |  | ×   | G,  | Grab/ 1                                      | ×                                       | ×                                     | ×  |  |  |  |                           |                                      |           |   |                            |
| CS-18 4'  | 4'  | 8/1/2023   |  | ×   | Gr  | Grab/ 1                                      | ×                                       | ×                                     | ×  |  |  |  |                           |                                      |           |   |                            |
| CS-20 4'  | 4,  | 8/1/2023   |  | ×   | G   | Grab/ 1                                      | ×                                       | ×                                     | ×  |  |  |  |                           |                                      |           |   |                            |
| CS-21 4'  | 4"  | 8/1/2023   |  | ×   | Gr  | Grab/ 1                                      | ×                                       | ×                                     | ×  |  |  |  |                           |                                      |           |   |                            |
| CS-22 4   | 4,  | 8/1/2023   |  | ×   | G   | Grab/ 1                                      | ×                                       | ×                                     | ×  |  |  |  |                           |                                      |           |   |                            |
| CS-23 4   | 4"  | 8/1/2023   |  | ×   | G   | Grab/ 1                                      | ×                                       | ×                                     | ×  |  |  |  |                           |                                      |           |   |                            |
| 70 CS-24 4  | 4.  | 8/1/2023   |  | ×   | G   | Grab/ 1                                      | ×                                       | ×                                     | ×  |  |  |  |                           |                                      |           |   |                            |
|   | Additional Comments:  |  |  |   |   |  |   |                                       |  |  |  |  |                           |                                      |           |   |                            |
| Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. | ocument and relinquable only for the cos<br>ge of \$85.00 will be | ishment of sam<br>et of samples and<br>applied to each | ples constitut<br>d shall not ass<br>project and a | es a valid purchas<br>sume any respons<br>charge of \$5 for e | se order from clic<br>sibility for any lo | ent company<br>sses or expe<br>mitted to Xer | to Xenco,<br>enses incur<br>nco, but no | its affilia<br>red by th<br>t analyze | ates and su<br>he client if<br>ed. These | bcontractors.<br>such losses ar<br>terms will be e | It assigns st<br>e due to circo<br>nforced unles | It assigns standard terms and conditions<br>e due to circumstances beyond the contro<br>forced unless previously negotiated. | and conditi<br>ond the co | ons                                  |           |   |                            |
| Relinquished by (Signature)   | (Signature)   | 1  | Received   | Received by/(Signature)                                       | ire)                                      | 1  | Date/Time                               | Time                                  | 200                                      | Relinquis  | Relinquished by: (Signature)                     | ignature)  | 71                        | Received by: (Signature)             | : (Signat | ure)  | Date/Time                  |
| 3 1   | 0   | June   | man !  | James and Market  | 1   |  | 2                                       | 1                                     | 4  |  |  |  | 1                         |                                      |           |   |                            |
| Ch  |   |  |  |   |   | +  |   |                                       | 6  |  |  |  |                           |                                      |           |   |                            |
|   |   |  |  |   |   |  |   |                                       |  |  |  |  |                           |                                      |           | David   | מל והם מכתחתים ביים בי     |



City, State ZIP: Address: Company Name:

Carlsbad, NM 88220 402 E Wood Ave

City, State ZIP:

Artesia, NM 88210 6488 Seven Rivers Highway Company Name:

Devon Energy

NTG Environmental

| Phone:  | 254-266-5456   |  |   | Email:  | Email: Wesley.Mathews@dvn.com                             | athews(c                                | @dvn.cc         | om                                  |                        |   |           |                      |                                  |   | Deliverables: EDD             | ables:                   | EDD                      |       |        | ADaPT L | 1                 | □ Other:  | -                                 |
|---|--|--|---|---|---|---|-----------------|-------------------------------------|------------------------|---|-----------|----------------------|----------------------------------|---|-------------------------------|--------------------------|--------------------------|-------|--------|---------|-------------------|---|-----------------------------------|
| Project Name:   | This   | Thistle Unit #46   |   | Turn  | Turn Around   |   |                 |                                     |                        |   |           | ANA                  | SISA                             | ANALYSIS REQUEST  | EST                           |                          |                          |       |        |         |                   | Preservative Codes  | TVa                               |
| Project Number:   |  | 237481   |   | Routine   | ✓ Rush  |   | Pres.<br>Code   |                                     |                        |   |           |                      |                                  |   |                               |                          | _                        |       |        |         | Non               | None: NO  |                                   |
| Project Location  | ٠. ، ، الو   | Lea Co. NM   |   | Due Date:   | 48hr  |   |                 |                                     |                        | _                                       |           |                      |                                  |   |                               |                          | _                        |       |        |         | C00               | Cool: Cool  |                                   |
| Sampler's Name:   | Kd/mx. #30   | Jordan Tyner   |   | TAT starts the day received by the                            | day received b  | by the                                  |                 | _                                   | RO)                    |   | _         |                      |                                  | _   | _                             |                          | _                        | _     |        |         | HCL I             | HCL: HC   |                                   |
| PO #:   |  |  |   | lab, if rece  | lab, if received by 4:30pm                                | 3                                       | rs              |                                     | + M                    |   |           |                      |                                  |   |                               | _                        | _                        |       |        |         | H <sub>2</sub> S( | H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>                   |                                   |
| SAMPLE RECEIPT  |  | Temp Blank:  | Yes Mo  | ) Wet Ice:  | Yes No  | 6                                       | ete             | B                                   | DRO                    | 00                                      |           |                      |                                  |   |                               | _                        | _                        |       |        |         | H,P               | H,PO.: HP   |                                   |
| Received Intact:  |  | No No  | Thermometer ID:                                     | ter ID:   | 041   |   | ram             | 802                                 | 0+                     | le 45                                   |           |                      |                                  |   |                               | *                        |                          |       |        | LD      | NaH               | NaHSO <sub>4</sub> : NABIS  | ABI                               |
| Cooler Custody Seals  | Yes  | No (N/A)   | Correction Factor                                   | Factor:   | \   |   | Pa              | ΓEX                                 | GR                     | lorid                                   |           |                      |                                  |   |                               | _                        |                          |       |        | но      | Na <sub>2</sub> S | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> | VaSC                              |
| Sample Custody Seals  | Yes  |  | Temperatu   | Temperature Reading:  | 1.3   | 6                                       |                 | В                                   | 5M (                   | Chi                                     |           |                      |                                  |   | _                             | _                        | _                        |       |        |         | Zn A              | Zn Acetate+NaOH: Zn   | +Na                               |
| Total Containers:   |  | 7  | Corrected   | Corrected Temperature:  |   |   |                 |                                     | 801                    |   |           |                      |                                  |   |                               |                          |                          |       |        |         | NaO               | NaOH+Ascorbic Acid: SAPC  | orbic                             |
| Sample Identification   | ntification  | Date   | Time  | Soil  | Water .c  | Grab/<br>Comp                           | # of<br>Cont    |                                     | TPH                    |   |           |                      |                                  |   |                               |                          |                          |       |        |         | 1                 | Sample Comments   | ple (                             |
| CS-25 4   | 5 4'   | 8/1/2023   |   | ×   | 0   | Comp                                    | 1               | ×                                   | ×                      | ×                                       |           |                      |                                  |   |                               |                          | _                        |       |        |         |                   |   |                                   |
| CS-27 4   | 7 4'   | 8/1/2023   |   | ×   | 0   | Comp                                    | _               | ×                                   | ×                      | ×                                       |           |                      |                                  |   |                               | _                        | -                        | 4     |        |         | 1                 |   |                                   |
| CS-29 4   | 9 4'   | 8/1/2023   |   | ×   | 0   | Comp                                    | 1               | ×                                   | ×                      | ×                                       |           |                      |                                  |   |                               |                          | -                        | 4     |        |         |                   |   |                                   |
| £8-30-4   | 0.4  | 8/1/2023   |   | *   | 6   | Comp                                    | +               | ×                                   | ×                      | ×                                       | 20        | S                    | Sam                              | 2   |                               | 7                        | 10                       | 1/8   | 23     |         |                   |   |                                   |
| CS-31 4   | 1 4'   | 8/1/2023   |   | ×   | 0   | Comp                                    | 7               | ×                                   | ×                      | ×                                       |           |                      | 0                                |   |                               |                          |                          |       |        |         |                   |   |                                   |
| CS-32 4'  | 2 4'   | 8/1/2023   |   | ×   | 0   | Comp                                    | 1               | ×                                   | ×                      | ×                                       |           |                      |                                  |   |                               |                          |                          |       |        |         |                   |   |                                   |
| CS-33 4'  | 3 4'   | 8/1/2023   |   | ×   | 0   | Comp                                    | _               | ×                                   | ×                      | ×                                       |           |                      |                                  |   |                               |                          | -                        |       |        |         |                   |   |                                   |
| CS-35 4   | 5 4'   | 8/1/2023   |   | ×   | 0   | Comp                                    | _               | ×                                   | ×                      | ×                                       |           |                      |                                  |   |                               |                          | -                        |       |        |         |                   |   |                                   |
| CS-37 4   | 7 4'   | 8/1/2023   |   | ×   | C   | Comp                                    | 1               | ×                                   | ×                      | ×                                       |           |                      |                                  |   |                               |                          |                          |       |        |         |                   |   |                                   |
| CS-38 4'  | 8 4  | 8/1/2023   |   | ×   | C   | Comp                                    | ->              | ×                                   | ×                      | ×                                       |           |                      |                                  |   |                               |                          | H                        |       |        |         |                   |   |                                   |
| Additio   | Additional Comments:   | S.   |   |   |   | İ                                       |                 |                                     |                        |   |           |                      |                                  |   |                               |                          | ,                        | ĺ     |        |         |                   |   |                                   |
| 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 \$6 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. | document and reling<br>liable only for the co<br>varge of \$85.00 will b | quishment of samp<br>ost of samples and<br>e applied to each i | oles constitute<br>I shall not ass<br>project and a | es a valid purchas<br>sume any respons<br>charge of \$5 for e | ie order from cl<br>sibility for any lo<br>ach sample sub | lient comp<br>losses or e<br>bmitted to | expenses i      | nco, its a<br>incurred<br>ut not an | affiliates<br>by the c | s and sub-<br>client if su<br>These ter | ch losses | s. It ass<br>are due | igns sta<br>to circu<br>d unless | It assigns standard terms and conditions to due to circumstances beyond the contronforced unless previously negotiated. | rms and<br>beyond<br>sly nego | condition the cortiated. | itrol                    |       |        |         |                   |   |                                   |
| Relinquished by: (Signature   | V: (Signature)   |  | Received  | Received by: (Signature                                       | rey<br>M  |   | Date/<br>8-1-23 | Date/Time                           | me 138                 | 7 2                                     | Relinquis | ished                | by: (Si                          | hed by: (Signature)   | e)                            | Z                        | Received by: (Signature) | ed by | : (Sig | inatu   | e)                |   | Date/Time                         |
|   |  |  |   |   | 1   |   |                 |                                     |                        | σ.                                      |           |                      |                                  |   | +                             | 4                        |                          |       |        |         |                   | 1   |                                   |
|   |  |  |   |   | 1   |   |                 |                                     |                        | Ø.                                      |           |                      |                                  |   |                               |                          |                          |       |        |         |                   |   | Revised Date 05012020 Rev. 2020.1 |

| Work  | <b>Work Order Comments</b> | ents   |              |
|---|----------------------------|--------|--------------|
| orogram: UST/PST □PRP □Brownfields □RRC □uperfund □           | Brownfields                | RRC    | uperfund     |
| State of Project:   |                            |        |              |
| Reporting:Level III ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐ | □PST/UST                   | RRP    | ☐ Level IV ☐ |
| Deliverables: EDD   | ADaPT Other:               | Other: |              |

Work Order No:



Company Name: Project Manager:

NTG Environmental Ethan Sessums

402 E Wood Ave

Address: Company Name: Bill to: (if different)

6488 Seven Rivers Highway

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

Work Order Comments

of

Devon Energy Wesley Mathews

| Work Order No: |       |
|----------------|-------|
| HC54055        | 11 11 |

|   |  |   |   |   |   |  | 8                                   |   | D   | norting level II   I evel III                            |                                     | Popp   I availy   |
|---|--|---|---|---|---|--|-------------------------------------|---|---|--|-------------------------------------|---|
| City, State ZIP: Carl   | Carlsbad, NM 88220   |   |   | City, State ZIP:  |   | Artesi                                   | Artesia, NM 88210                   | 38210                                   | 7.  | Reporting:Level II Level III LPSI/USI                    |                                     | LIKRP   |
| Phone: 254-   | 254-266-5456   |   | Email: V  | Email: Wesley.Mathews@dvn.com                                 | ews@dvn.                                    | .com                                     |                                     |   | De  | Deliverables: EDD  | ADaPT                               | Other:  |
| Project Name:   | Thistle Unit #46   |   | Turn /  | Turn Around   |   |  |                                     |   | ANALYSIS REQUEST  | ST   | Pr                                  | Preservative Codes  |
| Project Number:   | 237481   |   | Routine   | ✓ Rush  | Pres.<br>Code                               |  |                                     |   |   |  | None: NO                            | NO DI Water: H <sub>2</sub> O                                     |
| Project Location  | Lea Co. NM   | D   | Due Date:   | 48hr  |   |  |                                     |   |   |  | Cool: Cool                          | 00  |
| Sampler's Name: hal lin   | Y. 7   | ı   | AT starts the da  | TAT starts the day received by the                            | o l   |  | IRO)                                |   |   |  | HCL: HC                             | C   |
|   |  |   | lab, if receiv  | lab, if received by 4:30pm                                    |   |  | + M                                 |   |   |  | H2S04: H2                           | H <sub>2</sub> NaOH: Na   |
| SAMPLE RECEIPT  | Temp Blank:  | Yes NO  | Wet Ice:  | Yes No  | netei                                       | 1B                                       | DRO                                 | 500                                     |   |  | H <sub>3</sub> PO <sub>4</sub> : HP |   |
| Received Intact:  | (Yes) No   | Thermometer ID:   | r ID:   | 140   | ıran  | 802                                      | 0+                                  | de 4                                    |   |  | NaHSO                               | NaHSO <sub>4</sub> : NABIS  |
| Cooler Custody Seals:   | Yes No NA  | Correction Factor   | actor:  | 1   | Pa  | TEX                                      | GR                                  | lorid                                   |   |  |                                     | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |
| Sample Custody Seals:   | No   | Temperature Reading:                                      | Reading:  | 1133  |   | В  | 5M (                                | Ch                                      |   |  | Zn Acet                             | Zn Acetate+NaOH: Zn   |
| Total Containers:   | 6/   | Corrected Temperature                                     | mperature:  | 1   |   |  | 801                                 |   |   |  | NaOH+                               | NaOH+Ascorbic Acid: SAPC  |
| Sample Identifica   | 2  | Time  | Soil  | Water Grab/   | b/ #of                                      |  | TPH                                 |   |   |  | 0                                   | mnle C  |
| Sample Identification   | 81118  | -   |   | Comp  |   |  |                                     |   |   |  | 00                                  | sample comments   |
| CS-39 4'  | 6/7/2023   |   | ×   | Grab/   | b/ 1  | ×  | ×                                   | ×                                       |   |  |                                     |   |
| CS-40 4'  | 6,7/2023   |   | ×   | Grab/   | 0/ 1  | ×  | ×                                   | ×                                       |   |  |                                     |   |
| CS-42 4'  | 6/7/2023   |   | ×   | Grab/   | b/ 1  | ×  | ×                                   | ×                                       |   |  |                                     |   |
| CS-45 4'  | 6/7/2023   |   | ×   | Grab/   | 6/ 1  | ×  | ×                                   | ×                                       |   |  |                                     |   |
| CS-46 4'  | 6/7/2023   |   | ×   | Grab/   | 0/ 1  | ×  | ×                                   | ×                                       |   |  |                                     |   |
| CS-47 4'  | 6/7/2023   |   | ×   | Grab/   | 0/ 1  | ×  | ×                                   | ×                                       |   |  |                                     |   |
| CS-49 4'  | 6/7/2023   |   | ×   | Grab/   | 6/ 1  | ×  | ×                                   | ×                                       |   |  |                                     |   |
| CS-50 4'  | 6/7/2023   |   | ×   | Grab/   | 0/ 1  | ×  | ×                                   | ×                                       |   |  |                                     |   |
| CS-51 4'  | 6/7/2023   |   | ×   | Grab/   | 0/ 1  | ×  | ×                                   | ×                                       |   |  |                                     |   |
| CS-52 4'  | 6/7/2023   |   | ×   | Grab/   | 0/ 1  | ×  | ×                                   | ×                                       |   |  |                                     |   |
| Additional  | Additional Comments:   |   |   |   |   |  |                                     |   | U.S. Trace  |  |                                     |   |
| 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 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 e | ment and relinquishment of sarr<br>only for the cost of samples ar<br>of \$85.00 will be applied to each | ples constitutes<br>d shall not assur<br>project and a ch | a valid purchase<br>ne any responsil<br>arge of \$5 for eac | order from client<br>bility for any losse<br>ch sample submit | company to<br>es or expensi<br>ted to Xenco | Xenco, its<br>es incurre<br>o, but not a | s affiliate<br>d by the<br>analyzed | s and sub<br>client if so<br>. 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 \$6 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated. | ns and conditions<br>seyond the control<br>y negotiated. |                                     |   |
| Relinguished by: (Sig   | (Signature)  | Received b  | Received by: (Signature)                                    | // Na   |   | Date/Time                                | ime                                 |   | Relinquished by: (Signature)  | Received by: (Signature)                                 | nature)                             | Date/Time   |
|   |  | Mond  | Maria   | Marke   | 8-1   | 1-23                                     | 15                                  | 542                                     |   |  |                                     |   |
| 3   | (  |   | (   | 0   |   |  |                                     | 4                                       |   |  |                                     |   |
| S   |  |   |   |   |   |  |                                     | 6                                       |   |  |                                     |   |
|   |  |   |   |   |   |  |                                     |   |   |  |                                     | -   |

| 7  |
|----|
| 0  |
| 1  |
| 7  |
| CM |
| 2  |
| 7  |
| () |
|    |



Company Name: Project Manager:

NTG Environmental Ethan Sessums

Company Name: Bill to: (if different)

Devon Energy Wesley Mathews

6488 Seven Rivers Highway

State of Project:

Program: UST/PST | PRP | Brownfields | RRC

\_uperfund \_

Work Order Comments

Page \_

of

402 E Wood Ave

|     | Cildi    |
|-----|----------|
|     | 111 01 0 |
|     | ustouy   |
|     |          |
|     |          |
|     |          |
| Wor |          |

| City State 7ID  | Carlehad NM 8   | 8220  |  |   | City State 711  | Q   | Art                      | Artesia NM 88210            | 188210                                   |                              | Reporting:Level III Level III PST/UST  | I DST/   | /UST   TRRP   Level IV  |
|---|---|---|--|---|---|---|--------------------------|-----------------------------|--|------------------------------|--|----------|---|
| City, State ZIF.  | Callsbau, ININ 00220  | 0220  |  |   | City, State Air   |   | N IN                     | esid, ININ                  | 017001                                   |                              | Deliverables: EDD  | 1000     |   |
| Phone:  | 254-266-5456  |   |  | Email:  | Email: Wesley.Mathews@dvn.com                                 | hews@d                                      | vn.com                   |                             |  |                              | Deliverables: EDD  | AUaPI    | Uner:   |
| Project Name:   | Thist   | Thistle Unit #46                                      |  | Turn  | Turn Around   |   |                          |                             |  | ANALYSIS REQUEST             | UEST   |          | Preservative Codes  |
| Project Number:   | 2   | 237481  |  | Routine   | ☑ Rush  | Pres.<br>Code                               | es.                      |                             |  |                              |  |          | None: NO DI Water: H <sub>2</sub> O                               |
| Project Location  | Lea   | ea Co. NM   |  | Due Date:   | 48hr  |   | , y                      |                             |  |                              |  |          | Cool: Cool MeOH: Me   |
| Sampler's Name:   | lan mit   | Jordan Tyner  |  | TAT starts the  | TAT starts the day received by the                            | the   | _                        | RO)                         |  |                              |  |          |   |
| PO#:  |   |   |  | lab, if rece  | lab, if received by 4:30pm                                    |   | 3                        | + M                         |  |                              |  |          |   |
| SAMPLE RECEIPT  |   | Temp Blank:   | Yes No   | Wet Ice:  | Yes No  | ietei                                       |                          | DRO                         | 500                                      |                              |  |          | H₃PO₄; HP   |
| Received Intact:  | Yes   | No  | Thermometer ID:                                    | ter ID:   | 140   | ıran  | 802                      |                             | de 4                                     |                              |  | DLD      | NaHSO <sub>4</sub> : NABIS  |
| Cooler Custody Seals  | Yes   | No (N/A)  | Correction Factor                                  | Factor:   | 1   | Pa  |                          |                             | lorio                                    |                              |  |          | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> |
| Sample Custody Seals  | Yes   | No (N/A)  | Temperatu  | Temperature Reading:  | 1.30  |   | B                        | -                           | Ch                                       |                              |  |          | Zn Acetate+NaOH: Zn   |
| Total Containers:   |   | 1   | Corrected  | Corrected Temperature:  | (   | 4   |                          | 801                         |  |                              |  |          | NaOH+Ascorbic Acid: SAPC  |
| Sample Id   | ontification  | Date  | Time   | Soil  | Water Gr  | Grab/ # of                                  | of                       | ТРН                         |  |                              |  |          | Sample Comments   |
| odinbe id   | Sample Identification   | Date  | 111110   | 9011  |   | Comp ,Cont                                  | nt                       |                             |  |                              |  |          | Campie Comments   |
|   | CS-53 4'  | 8/1/2023  |  | ×   | Co  | Comp 1                                      | ×                        | ×                           | ×  |                              |  |          |   |
|   | CS-55 4'  | 8/1/2023  |  | ×   | co  | Comp 1                                      | ×                        | ×                           | ×  |                              |  |          |   |
|   | CS-59 5'  | 8/1/2023  |  | ×   | Co  | Comp 1                                      | ×                        | ×                           | ×  |                              |  |          |   |
| CS-   | CS-60 5'  | 8/1/2023  |  | ×   | Co  | Comp 1                                      | 1<br>×                   | ×                           | ×  |                              |  |          |   |
|   | CS-64 5'  | 8/1/2023  |  | ×   | Co  | Comp  | ×                        | ×                           | ×  |                              |  |          |   |
|   | CS-65 2'  | 8/1/2023  |  | ×   | 00  | Comp  | ×                        | ×                           | ×  |                              |  |          |   |
|   | SW-1A 0-4'  | 8/1/2023  |  | ×   | co  | Comp  | ×                        | ×                           | ×  |                              |  |          |   |
|   | SW-2A 0-4"  | 8/1/2023  |  | ×   | Co  | Comp  | 1<br>×                   | ×                           | ×  |                              |  |          |   |
|   | SW-5A 0-4'  | 8/1/2023  |  | ×   | Co  | Comp  | ×                        | ×                           | ×  |                              |  |          |   |
| 3-WS  | SW-6A 0-4'  | 8/1/2023  |  | ×   | Co  | Comp 1                                      | ×                        | ×                           | ×  |                              |  |          |   |
| ippy  | Additional Comments:  |   |  |   |   | ,   |                          |                             |  |                              |  | Í        |   |
| Notice: Signature of the of service. Xenco will of Xenco. A minimum | Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. Version of service. Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses a of Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Xenco, but not analyzed. These terms will be e | ishment of sam<br>it of samples an<br>applied to each | ples constitut<br>d shall not as:<br>project and a | es a valid purchas<br>sume any respons<br>charge of \$5 for e | se order from clie<br>sibility for any los<br>ach sample subr | ent company<br>sses or expo<br>nitted to Xe | y to Xenco<br>enses incu | o, its affili<br>urred by t | ates and so<br>he client if<br>ed. These |                              | It assigns standard terms and conditions to due to circumstances beyond the control inforced unless previously negotiated. |          |   |
| Relinquished  | Reliaquished by: (Signature)  | 1   | Received   | Received by: (Signature)                                      | ire) /  | \   | Date                     | Date/Time                   |  | Relinquished by: (Signature) | re) Received by: (Signature)   | Signatur | re) Date/Time   |
| Made  |   | la  | Maha   | alle  | The second  | 8   | 1.23                     | 3/3                         | 3542                                     |                              |  |          |   |
| 55  |   |   |  |   | 1   | +   |                          |                             | on l                                     |                              |  |          |   |
|   |   |   |  |   |   |   |                          |                             |  |                              |  |          |   |

| Wol |
|-----|
| × 0 |
| rde |
| No: |
| 1   |
| 42  |
| W   |
| H   |
| U   |
| W   |

Company Name:

NTG Environmental

402 E Wood Ave

Address:

6488 Seven Rivers Highway

Reporting:Level II Level III PST/UST DRRP

☐ Level IV ☐

State of Project:

Program: UST/PST PRP Brownfields RRC

uperfund

**Work Order Comments** 

of

Devon Energy Wesley Mathews

Bill to: (if different) Company Name:

Address:

| City, State ZIP: Carlsbad, NM 88220  | 1 88220  |   |   | City, State ZIP  | P                           | Arte                                     | sia, NN       | Artesia, NM 88210                        |  | Reporting:Level III Level III LPSI/USI                        | PSI/USI LIKEP                                   |
|--|--|---|---|--|-----------------------------|--|---------------|--|--|---|---|
| Phone: 254-266-5456  | 6  |   | Email:  | Email: Wesley.Mathews@dvn.com                                | hews@d                      | vn.com                                   |               | 1  |  | Deliverables: EDD A   | ADaPT Other:                                    |
| Project Name: Th   | Thistle Unit #46   |   | Turn  | Turn Around  |                             |  |               |  | ANALYSIS REQUEST   | EST   | Preservative Codes                              |
| er:  | 237481   |   | Routine   | √ Rush   | Pres.<br>Code               | de .                                     |               |  |  |   | None: NO  |
| Project Location   | Lea Co. NM   |   | Due Date:   | 48hr   |                             | - 1/                                     |               |  |  |   | Cool: Cool                                      |
| MINS   | Laberdan Tyner   |   | TAT starts the day received by the                          | day received by  | the                         |  | WRO)          |  |  |   | HCL: HC   |
|  |  |   | lab, if receiv  | lab, if received by 4:30pm                                   |                             |  | ) + N         |  |  |   | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> |
| SAMPLE RECEIPT Te  | Temp Blank:  | Yes No  | Wet Ice:  | Xes No   | nete                        |  | DRO           | 500                                      |  |   | H₃PO₄: HP                                       |
|  | Yes No .   | Thermometer ID:                                     | ter ID:   | 140  |                             |  | 0+            | de 4                                     | A.   |   | NaHSO4: NABIS                                   |
| Seals: Yo  | No (N/A)   | Correction Factor:                                  | Factor:   | 1  | Pi                          | TEX                                      | GR            | lorio                                    |  |   |   |
| Sample Custody Seals: Yes  | No NIA   | Temperatu   | Temperature Reading:  | 1,30   |                             | В  | 5M (          | Ch                                       |  |   | Zn Acetate+NaOH: Zn                             |
| Total Containers: (3   | 1  | Corrected '   | Corrected Temperature:                                      | 1  | П                           |  | 801           |  |  |   | NaOH+Ascorbic Acid: SAPC                        |
| Sample Identification  | Date   | Time  | Soil  | Water Co   | Grab/ # of<br>Comp Cont     | nt of                                    | ТРН           |  |  |   | Sample Comments                                 |
| SW-7A 0-4'   | 8/1/2023   |   | ×   | · Co   | Comp 1                      | ×  | ×             | ×  |  |   |   |
| SW-8A 0-4"   | 8/1/2023   |   | ×   | Co   | Comp 1                      | _<br>×                                   | ×             | ×  |  |   |   |
| SW-9A 0-4'   | 8/1/2023   |   | ×   | Co   | Comp 1                      | ×  | ×             | ×  |  |   |   |
| SW-10A 0-4   | 8/1/2023   |   | ×   | Co   | Comp 1                      | ×  | ×             | ×  |  |   |   |
| SS SW-11A 0-4'   | 8/1/2023   |   | ×   | Co   | Comp 1                      | ×  | ×             | ×  |  |   |   |
| SW-12A 0-4   | 8/1/2023   |   | ×   | Co   | Comp 1                      | ×  | ×             | ×  |  |   |   |
| SW-13A 0-4'  | 8/1/2023   |   | ×   | Co   | Comp 1                      | ×  | ×             | ×  |  |   |   |
| SW-15A 0-4"  | 8/1/2023   |   | ×   | Co   | Comp 1                      | ×  | ×             | ×  |  |   |   |
| SW-16A 0-4"  | 8/1/2023   |   | ×   | Co   | Comp 1                      | ×  | ×             | ×  |  |   |   |
| SW-17A 0-4"  | 8/1/2023   |   | ×   | Co   | Comp 1                      | ×  | ×             | ×  |  |   |   |
| Additional Comments:   | nts:   | ļ   |   |  |                             |  |               |  |  |   |   |
| 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 \$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 be enforced unless previously negotiated. | inquishment of sam<br>cost of samples an<br>l be applied to each | ples constitute<br>d shall not ass<br>project and a | s a valid purchas<br>ume any respons<br>harge of \$5 for ea | e order from clie<br>sbillity for any los<br>ach sample subn | ent company<br>sses or expe | y to Xenco,<br>enses incu<br>nco, but no | , its affilia | ates and si<br>he client if<br>ed. These | beontractors. It assigns standard terms and conditions such losses are due to circumstances beyond the contro terms will be enforced unless previously negotiated. | rms and conditions<br>s beyond the control<br>sly negotiated. |   |
| Relinguished by: (Signature)   |  | Received  | Received by: (Signature                                     | (e) /  |                             | Date                                     | Date/Time     |  | Relinquished by: (Signature)   | e) Received by: (Signature)                                   | nature)   |
| M  | M  | MASIN   | Mala  | Bon  | 00                          | 1-23                                     | CA            | 842                                      |  |   |   |
| 3  | (  |   | 8   |  |                             |  |               | 4  |  |   |   |
| S  |  |   |   | 1  |                             |  |               | an                                       |  |   |   |
|  |  |   |   |  | -                           |  |               |  |  |   | -   |

| Wor         |
|-------------|
| k Order No: |
| H23465      |





Company Name:

402 E Wood Ave NTG Environmental

Address: Company Name: Bill to: (if different)

6488 Seven Rivers Highway

State of Project:

Program: UST/PST PRP Brownfields RRC

\_uperfund \_

**Work Order Comments** 

Page

of

Wesley Mathews Devon Energy

| Project Name:  This le Unit #46  Trum Avound  Project Name:  Trum Avound  Project Name:  Trum Avound  Project Location  Sample Custody Seals:  Ves. No. (Mb)  Tremp Blank:  Ves. No. (Mb)  Tremperature:  Sample Custody Seals:  Ves. No. (Mb)  Tremperature Reading:  SW-19A.0-5:  81/12023  XX  Comp  This let need received the received the repetative Reading:  SW-19A.0-5:  81/12023  XX  Comp  This let need received the repetative Reading:  SW-19A.0-5:  81/12023  XX  Comp  This let need received the repetative Reading:  SW-19A.0-5:  81/12023  XX  Comp  This let need received the repetative Reading:  SW-19A.0-5:  81/12023  XX  Comp  This let need received the repetative Reading:  SW-19A.0-5:  81/12023  XX  Comp  This let need received the repetative Reading:  SW-19A.0-5:  81/12023  XX  Comp  This let need received the repetative Reading:  SW-19A.0-5:  81/12023  XX  Comp  This let need received to Xnoo, but not analyzed. These terms will be arrived of international repetational received by (Sg)nature)  Received the received by (Sg)nature)  Received the received by (Sg)nature)  Received by (Sg)nature (Sg)nature (Sg)na | ate ZIP:                  | Carlsbad, NM 88220    | 38220             |               |                     | City, State ZIP  | ZIP:        |               | Artesia, NM 88210 | , NM 8    | 8210     |
|--|---------------------------|-----------------------|-------------------|---------------|---------------------|------------------|-------------|---------------|-------------------|-----------|----------|
| Tristle Unit #46  237481  Lea Co. NM  Lea Co. NM  Lea Co. NM  Lea Co. NM  Due Date:  ABhr  That starts the day received by 4-30pm  AMPLE RECEIPT  Temp Blank:  Yes No (M/J)  Correction Factor:  Temp Blank:  Yes No (M/J)  Correction Factor:  Themperature:  Comp Colle Custody Seals:  Yes No (M/J)  Corrected Temperature:  SW-18A 0-5'  SW-18A 0-5'  SW-18A 0-5'  SW-19A 0-5 |                           | 254-266-5456          |                   |               | Emai                | Wesley.Ma        | athews@     | dvn.c         | om                |           |          |
| Section   Lea Co. NM   Due Date:   A8hr   Press   A8hr   Press   A8hr   Abrit   A8hr   A8h   | oject Name:               | This                  | tle Unit #46      |               | Tu                  | n Around         |             |               |                   |           |          |
|  | oject Number:             |                       | 237481            |               | Routine             | √ Rush           |             | Pres.<br>Code |                   |           |          |
|  | oject Location            | ١.                    | a Co. NM          |               | Due Date:           | 48hr             |             |               |                   |           |          |
|  | 2                         | Smil                  | dan Tyner         | Ì             | TAT starts th       | e day received t | by the      |               |                   | IRO)      |          |
|  | 0#                        |                       |                   |               | lab, if rec         | eived by 4:30pr  | n           | rs            |                   | + N       |          |
|  | AMPLE RECEIP              |                       | p Blank:          |               | 0                   |                  | No          | nete          | 18                | DRO       | 500      |
|  | eceived Intact:           | Ne Ne                 | No (S             | Thermon       | eter ID:            | 140              |             | aran          | 802               | 0+        | de 4     |
|  | poler Custody Seals:      | Yes                   |                   | Correctio     | n Factor:           | 1                |             | Pa            | TEX               | GR        | lorio    |
|  | ample Custody Seals       |                       |                   | Tempera       | ture Reading:       | 1,3              | 6.          |               | В                 | 5M (      | Ch       |
|  | otal Containers:          |                       | 1                 | Correcte      | d Temperature       | ( ;              | Ц           |               |                   | 801       |          |
|  | Sample Identi             | fication              | Date              | Time          | Soil                |                  |             | # of          |                   | ТРН       |          |
|  | Sample ident              | IIIcation             | Date              | 111110        | 0011                | -                |             | Cont          |                   |           |          |
|  | SW-18A                    | 0-5'                  | 8/1/2023          |               | ×                   | 0                | omp         | -             | ×                 | ×         | ×        |
|  | SW-19A                    | 0-5'                  | 8/1/2023          |               | ×                   | 0                | omp         | 1             | ×                 | ×         | ×        |
|  | SW-20A                    | 0-2'                  | 8/1/2023          |               | ×                   | 0                | omp         | 1             | ×                 | ×         | ×        |
|  | SW-21A                    | 0-5'                  | 8/1/2023          |               | ×                   | 0                | omp         | _             | ×                 | ×         | ×        |
|  | SW-24A                    | 2-5'                  | 8/1/2023          |               | ×                   | 0                | omp         | _             | ×                 | ×         | ×        |
|  | SW-25A                    | 2.5'                  | 8/1/2023          |               | ×                   | 0                | omp         | -             | ×                 | ×         | *        |
|  | 181-53                    | 5 2'                  | 35/1/8            |               | ×                   | (6               | B           | -             | ×                 | X         | ×        |
| Additional Comments:  Additional Comments:  Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and sut 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 so 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 te Relinquished by: (Signature)  Received by: (Signature)  Received by: (Signature)  Additional Comments:   |                           |                       |                   |               |                     |                  |             |               |                   |           |          |
| Additional Comments:  Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subtor 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 soft 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 te Relinquished by: (Signature)  Received by: (Signature)  Received by: (Signature)  Additional Comments:  |                           |                       |                   |               |                     |                  |             |               |                   |           |          |
| Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subtorescrice. 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 soft 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 test Relinquished by: (Signature)  Received by: (Signature)  Received by: (Signature)  Received by: (Signature)   | Addition                  | al Comment            | S:                |               |                     |                  |             |               | i                 |           |          |
| Relinguished by: (Signature)  Received by: (Signature)   | tice: Signature of this d | ocument and reling    | uishment of sam   | ples constitu | ites a valid purch  | ase order from c | lient compa | any to Xe     | nco, its          | affiliate | s and su |
| Received by: (Signature) Date/Time    March   Br.   -23   754  | Xenco. A minimum cha      | rge of \$85.00 will b | e applied to each | project and   | a charge of \$5 for | each sample su   | bmitted to  | Xenco, b      | ut not a          | nalyzed.  | These t  |
| 155:1 52-1-8 DESTROY OF WATER  | Relinquished by:          | (Signature)           | -                 |               | d by: (Signal       | grey             | `           |               | ate/Ti            | me        |          |
| 1, 1   | 11                        |                       |                   | Receive       | 111                 |                  | 1           | 0             |                   |           | 2/2      |
|  | n                         | 1                     | 100               | Receive       | MAD                 | Matter           | S           | 2/-           | 23                | 1.3       | 77       |

| Wor        |
|------------|
| k Order No |
| 100        |
| 24         |
| 24         |
| 8          |
| W          |

Page 74 of 74



August 07, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 08/03/23 14:31.

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. Keene

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: 08/03/2023 Sampling Date: 08/03/2023
Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

A ... - L ... - - - I D. .. MC

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 67 (4') (H234131-01)

| 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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 108    | % 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                             | 1410   | 16.0            | 08/07/2023      | 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            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.9   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 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: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 68 (4') (H234131-02)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/05/2023 | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023 | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023 | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023 | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023 | 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                             | 1020   | 16.0            | 08/07/2023 | 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            | 08/05/2023 | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023 | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 117    | % 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: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 69 (4') (H234131-03)

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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | 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                             | 2600   | 16.0            | 08/07/2023      | 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            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 93.7   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 107    | % 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: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 70 (4') (H234131-04)

| 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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | 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                             | 400    | 16.0            | 08/07/2023      | 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            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.8   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 114 9  | % 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



08/03/2023

Soil

### Analytical Results For:

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

Sampling Date:

Sampling Type:

Received: 08/03/2023

Reported: 08/07/2023

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 71 (4') (H234131-05)

| 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           | 08/05/2023 | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023 | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023 | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023 | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023 | 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                             | 1440   | 16.0            | 08/07/2023 | 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            | 08/05/2023 | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023 | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 102    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 117 9  | % 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: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: CS - 72 (2') (H234131-06)

| 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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | 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                             | 80.0   | 16.0            | 08/07/2023      | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |      | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 135    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 153    | % 49.1-14       | 8               |              |      |            |               |      |           |

Surrogate: 1-Chlorooctadecane 153 % 49.1-148

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.

Celeg D. Freene



### Analytical Results For:

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

Fax To:

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 26 (0-4') (H234131-07)

| 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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 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            | 08/07/2023      | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | kg              | Analyze         | d By: MS     |      |            |               |      | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 132 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 151 9  | % 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: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 27 (0-4') (H234131-08)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/05/2023 | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023 | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023 | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023 | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023 | 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                             | 2760   | 16.0            | 08/07/2023 | 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            | 08/05/2023 | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023 | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 114    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 130    | % 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. Keine



### Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 28 (0-4') (H234131-09)

RTFY 8021R

| BIEX 8021B                           | mg     | / kg            | Anaiyze         | а ву: м5     |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | 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                             | 3920   | 16.0            | 08/07/2023      | 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            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | 16.6   | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 119    | % 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. Keine



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

## Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 29 (0-4') (H234131-10)

| BTEX 8021B                           | mg/kg  |                 | Analyzed By: MS |              |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | 0.682  | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | 0.860  | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | 7.76   | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | 9.31   | 0.300           | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 216 %  | 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                             | 496    | 16.0            | 08/07/2023      | ND           | 432  | 108        | 400           | 0.00 |           |
| TPH 8015M                            | mg/    | kg              | Analyze         | d By: MS     |      |            |               |      | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 380    | 10.0            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | 5840   | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | 1120   | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 136 %  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 132 9  | % 49 1-14       | ' <i>R</i>      |              |      |            |               |      |           |

Surrogate: 1-Chlorooctadecane 132 % 49.1-148

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. Keine



### Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 30 (H234131-11)

| 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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | 0.159  | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 109    | % 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                             | 672    | 16.0            | 08/07/2023      | 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*                          | 11.9   | 10.0            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | 641    | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | 175    | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 95.4   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 124    | % 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. Keens



08/03/2023

### Analytical Results For:

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

Sampling Date:

Received: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 31 (H234131-12)

| 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           | 08/05/2023 | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023 | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023 | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023 | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023 | 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                             | 6000   | 16.0            | 08/07/2023 | ND           | 432  | 108        | 400           | 3.64 | 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            | 08/05/2023 | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | 10.5   | 10.0            | 08/05/2023 | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 109    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 126    | % 49.1-14       | 8          |              |      |            |               |      |           |
|                                      |        |                 |            |              |      |            |               |      |           |

## Cardinal Laboratories

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. Keine

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



### Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 32 (H234131-13)

| 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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | 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                             | 2400   | 16.0            | 08/07/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg/    | 'kg             | Analyzed By: MS |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | 587    | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | 174    | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 100 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 137 9  | % 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: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

### Sample ID: SW - 33 (H234131-14)

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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | 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                             | 1710   | 16.0            | 08/07/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyzed By: MS |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 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.

Celeg & Frence



08/03/2023

### Analytical Results For:

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

Received: 08/03/2023 Sampling Date:

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 34 (H234131-15)

| 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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | 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                             | 2000   | 16.0            | 08/07/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | 'kg             | Analyze         | d By: MS     |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | 39.2   | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 99.1   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 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. Keine



### Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

ma/ka

### Sample ID: SW - 35 (H234131-16)

RTFY 8021R

| 31EX 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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | 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                             | 4000   | 16.0            | 08/07/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyzed By: MS |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 105    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 126    | % 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. Keine



08/03/2023

### Analytical Results For:

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

Sampling Date:

Received: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 36 (H234131-17)

| BTEX 8021B                           | mg/kg  |                 | Analyze         | Analyzed By: MS |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|-----------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/05/2023      | ND              | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND              | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND              | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND              | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | 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                             | 1550   | 16.0            | 08/07/2023      | ND              | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyzed By: MS |                 |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/05/2023      | ND              | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023      | ND              | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND              |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4               |                 |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 116    | % 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: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 37 (H234131-18)

| 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           | 08/05/2023      | ND              | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND              | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND              | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND              | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | ND              |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 104 9  | % 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                             | 784    | 16.0            | 08/07/2023      | ND              | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg/    | kg              | Analyzed By: MS |                 |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank    | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/05/2023      | ND              | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | 163    | 10.0            | 08/05/2023      | ND              | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | 36.1   | 10.0            | 08/05/2023      | ND              |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 112 9  | % 48.2-13       | 4               |                 |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 135 9  | % 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. Keine



### Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Tamara Oldaker Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: SW - 38 (H234131-19)

| 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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | 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                             | 2280   | 16.0            | 08/07/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg/    | 'kg             | Analyzed By: MS |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 104 9  | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 119 9  | % 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. Keine



### Analytical Results For:

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

08/03/2023

Reported: 08/07/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Project Location: DEVON - LEA CO., NM Sampling Date: 08/03/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Tamara Oldaker

### Sample ID: SW - 39 (H234131-20)

Received:

| 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           | 08/05/2023      | ND           | 2.01 | 100        | 2.00          | 3.99 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.10 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND           | 1.92 | 95.9       | 2.00          | 3.82 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND           | 5.72 | 95.4       | 6.00          | 2.30 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 103 5  | % 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                             | 1760   | 16.0            | 08/07/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg/    | 'kg             | Analyzed By: MS |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/05/2023      | ND           | 165  | 82.4       | 200           | 3.58 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/05/2023      | ND           | 173  | 86.5       | 200           | 4.55 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/05/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 96.2   | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 109 9  | % 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. Keine



### Analytical Results For:

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

Received: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

### Sample ID: SW - 40 (H234131-21)

RTFY 8021R

| 31EX 8021B                           |        | mg/kg           |                 | Analyzed By: JH/ |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|------------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/05/2023      | ND               | 2.06 | 103        | 2.00          | 2.63 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023      | ND               | 1.96 | 98.2       | 2.00          | 1.45 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023      | ND               | 2.03 | 102        | 2.00          | 1.88 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023      | ND               | 5.96 | 99.4       | 6.00          | 2.77 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023      | ND               |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 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            | 08/07/2023      | ND               | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyzed By: MS |                  |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank     | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/04/2023      | ND               | 172  | 85.8       | 200           | 7.15 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/04/2023      | ND               | 163  | 81.6       | 200           | 8.95 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/04/2023      | ND               |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 80.3   | % 48.2-13       | 4               |                  |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 80.5   | % 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: 08/03/2023 Sampling Date: 08/03/2023

Reported: 08/07/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Tamara Oldaker

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

ma/ka

### Sample ID: SW - 41 (H234131-22)

RTFY 8021R

| BIEX 8021B                           | тд/кд  |                 | Analyzed By: JH/ |              |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed         | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/05/2023       | ND           | 2.06 | 103        | 2.00          | 2.63 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023       | ND           | 1.96 | 98.2       | 2.00          | 1.45 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023       | ND           | 2.03 | 102        | 2.00          | 1.88 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023       | ND           | 5.96 | 99.4       | 6.00          | 2.77 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023       | 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            | 08/07/2023       | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyzed By: MS  |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed         | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/04/2023       | ND           | 172  | 85.8       | 200           | 7.15 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/04/2023       | ND           | 163  | 81.6       | 200           | 8.95 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/04/2023       | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 82.6   | % 48.2-13       | 4                |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 83.2   | % 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: 08/03/2023

Reported: 08/07/2023
Project Name: THISTLE UNIT #46

ma/ka

Project Name: THISTLE UProject Number: 237481

Project Location: DEVON - LEA CO., NM

Sampling Date: 08/03/2023

Sampling Type: Soil

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

### Sample ID: CS - 73 (H234131-23)

RTFY 8021R

| BIEX 8021B                           | тд/кд  |                 | Analyzed By: JH/ |              |      |            |               |      |           |
|--------------------------------------|--------|-----------------|------------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed         | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 08/05/2023       | ND           | 2.06 | 103        | 2.00          | 2.63 |           |
| Toluene*                             | <0.050 | 0.050           | 08/05/2023       | ND           | 1.96 | 98.2       | 2.00          | 1.45 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 08/05/2023       | ND           | 2.03 | 102        | 2.00          | 1.88 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 08/05/2023       | ND           | 5.96 | 99.4       | 6.00          | 2.77 |           |
| Total BTEX                           | <0.300 | 0.300           | 08/05/2023       | 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                             | 48.0   | 16.0            | 08/07/2023       | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg,    | /kg             | Analyzed By: MS  |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed         | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | <10.0  | 10.0            | 08/04/2023       | ND           | 172  | 85.8       | 200           | 7.15 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 08/04/2023       | ND           | 163  | 81.6       | 200           | 8.95 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 08/04/2023       | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 80.2   | % 48.2-13       | 4                |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 80.3   | % 49.1-14       | 8                |              |      |            |               |      |           |
|                                      |        |                 |                  |              |      |            |               |      |           |

Analyzed By: 1H /

## 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. Keine



### **Notes and Definitions**

| S-04 | The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. |
|------|--|
|      |  |

QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS

ecovery.

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.

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

Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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.

Celeg & Freene

Relinquished By:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Corrected Temp. °C Observed Temp. °C

Cool Intact
Yes Yes

40

Thermometer ID #140 Correction Factor 0°C

CHECKED BY:

Turnaround Time:

Standard

Bacteria (only) Sample Condition

Corrected Temp, °C Observed Temp. All Results are emailed.

Please provide Email address

Yes

O No

Add'l Phone #:

REMARKS

Relinquished Py

## CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST



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

LEASE NOTE: 1 Sampler Name: Project Location: Project Manager: Project Name: Phone #: Company Name: Lab I.D. 209 Sample I.D. Millery 5456 Fax #: いいいいいか Secres Project Owner: DEVON 4-0 State: 1/1 Zip: 88220 00 0 0 1 # CONTAINERS GROUNDWATER WASTEWATER SOIL MATRIX SLUDGE OTHER Fax #: State: NM Zip: 887 10 Phone #: city: Artesia Address: 648 & Such Rive P.O. #: Attn: Company: Deen ACID/BASE PRESERV ICE / COOL Was Makeus OTHER BILL DATE 0 SAMPLING TIME on of the app B X 8021 X God Do th 500 ANALYSIS REQUEST

Relinquished By:

eceived By

REMARKS:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Corrected Temp. °C Observed Temp. °C Time:

Sample Condition
Cool Intact
Laryes Tyes
No No No

CHECKED BY: (Initials)

Turnaround Time:

Standard

hermometer ID #140 correction Factor 0°C

Cool Intact
Pes Pes
No No

Corrected Temp. °C Observed Temp.

Bacteria (only) Sample Condition

ô

All Results are emailed. Please provide Email address:

O No

Add'I Phone #:

Relinquishes Py

## CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST



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

| Project Manager: Ethan Jerras             | #                           |            |          |
|---|-----------------------------|------------|----------|
| 7   | 7.0. 1                      |            | $\dashv$ |
| Address: 209 W McKey St                   | Company: Deven Great        |            |          |
| city: Carls bad state: 1/1 zip: 88220     |                             |            |          |
| 19545-992                                 |                             | -          |          |
| Project #: 23748/ Project Owner: DEVON    |                             | 3          | _        |
| Project Name: Thistle Unit + 46           | State: /// Zip: 882 / 0     | 1 (S<br>45 | _        |
| Project Location: Les 6, MM               | Phone #:                    |            | _        |
| Sampler Name: Keller Smith                | Fax 非:                      |            | _        |
| FOR LAB USE ONLY                          | MATRIX PRESERV SAMPLING     | de         |          |
| TER                                       | ER                          | PH         |          |
| NTAINE                                    | BASE:                       | 7 Ch       |          |
| (G)R<br># CO<br>GRO                       | SOIL<br>OIL<br>SLUE<br>OTHE | É          |          |
| Sh-30                                     | X 8/2/3                     | к<br>. к   |          |
| 27 ST |                             |            | -        |
| 75 - 33                                   |                             |            |          |
|   |                             |            | -        |
| 16 55- 75 11                              |                             |            |          |
| 20 - 35                                   |                             |            |          |
| 18 SW - 57                                |                             |            |          |
| 10 SE- MS 64                              |                             |            |          |
| m 20 - 38                                 |                             |            | +        |

# CHAIN-OF-CUSTODY AND ANA LYSIS REQUEST



| PLEASE NOTE: Labelity and Damages. Cardinal's liability and client's exclusive remedy for any claim acting whether based in contract or fort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whether whether whether whether whether is no event shall Cardinal within 20 days after completion of the applicable service in no event shall cardinal for including affinition, business interruptions, loss of use, or loss of profile incurred by claim, as substaines, affinished in a training and received by claim, as substaines.  Relinquished By:  Time: 43  Date: Received By:  Time: Time: The completion of the profile incurred by claim is based; we say of the above stated reasons or otherwise.  All Results are emailed. Please proving the contract of the profile incurred by claim is based; we say of the above stated reasons or otherwise.  All Results are emailed. Please proving the contract of the contract of the contract of the contract of the client for the amount paid by the days after completion of the amount paid by the client for the paid of the paid and paid the paid to the paid the paid to the paid to the paid to the paid the paid to the paid to the paid the paid to the paid to the paid to the paid the paid to the paid to the paid to the paid the paid the paid to the paid the paid to the paid t | Project Manager: Effect Services  Address: 209 Walkers  City: Carly a State: Wh zip: 88220 Attn: Wis Makers  Project Name: 7254-266-5456 Fax #: Address: CHB & Sure Plus  Project Name: 7254-81 Project Owner: DE UON  City: Affestia  Project Name: Weller Smith  Footbasse own  Fax #:  Sample I.D. Sample I.D. GRASTEINATER  Soil State: What Acid State: What zip: 88210  ACID BASE ONN  FAX #:  FAX #:  FAX #:  FAX #:  FAX #:  SID JUDGE ONN  ACID BASE TIME  ACID BASE   (575) 393-232    |
|--|---|------------------|
| alled Please   | SERV SAMPLING SAMPLING SAMPLING STEX SOLSM  X X BTEX SOLSM  X X Chlorid 4500  | ANALYSIS REQUEST |



August 14, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 08/04/23 13:14.

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)

Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keene

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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 701 TRADEWINDS BLVD. SUITE C

Project: THISTLE UNIT #46 Project Number: 237481 MIDLAND TX, 79706

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

| Sample ID        | Laboratory ID | Matrix | Date Sampled    | Date Received   |
|------------------|---------------|--------|-----------------|-----------------|
| CS - 30 (4')     | H234165-01    | Soil   | 04-Aug-23 00:00 | 04-Aug-23 13:14 |
| CS - 74 (2')     | H234165-02    | Soil   | 04-Aug-23 00:00 | 04-Aug-23 13:14 |
| CS - 75 (2')     | H234165-03    | Soil   | 04-Aug-23 00:00 | 04-Aug-23 13:14 |
| CS - 76 (2')     | H234165-04    | Soil   | 04-Aug-23 00:00 | 04-Aug-23 13:14 |
| CS - 77 (0.5')   | H234165-05    | Soil   | 04-Aug-23 00:00 | 04-Aug-23 13:14 |
| CS - 78 (0.5')   | H234165-06    | Soil   | 04-Aug-23 00:00 | 04-Aug-23 13:14 |
| CS - 79 (0.5')   | H234165-07    | Soil   | 04-Aug-23 00:00 | 04-Aug-23 13:14 |
| CS - 80 (0.5')   | H234165-08    | Soil   | 04-Aug-23 00:00 | 04-Aug-23 13:14 |
| SW - 43 (0.5-2') | H234165-09    | Soil   | 04-Aug-23 00:00 | 04-Aug-23 13:14 |
| SW - 44 (0-0.5') | H234165-10    | Soil   | 04-Aug-23 00:00 | 04-Aug-23 13:14 |
| SW - 45 (0-0.5') | H234165-11    | Soil   | 04-Aug-23 11:50 | 04-Aug-23 13:14 |
| SW - 46 (0-0.5') | H234165-12    | Soil   | 04-Aug-23 11:52 | 04-Aug-23 13:14 |

08/14/23 - Client changed the sample IDs on some of the samples (see COC). This is the revised report and will replace the one sent on 08/08/23.

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 are 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 damage 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 su 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. Keine



## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 30 (4') H234165-01 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units     | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|-----------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardina            | l Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |           |          |         |         |           |           |       |
| Chloride                            | 176             |      | 16.0               | mg/kg     | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compound           | s by EPA Method | 8021 |                    |           |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (P. | ID)             |      | 96.7 %             | 71.5      | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |           |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                       | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                    | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 91.5 %             | 48.2      | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 99.0 %             | 49.1      | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur 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. Keine



## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 74 (2') H234165-02 (Soil)

| Analyte                            | Result           | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|------------------------------------|------------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                    |                  |      | Cardina            | ıl Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                |                  |      |                    |            |          |         |         |           |           |       |
| Chloride                           | 48.0             |      | 16.0               | mg/kg      | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compound          | ls by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                           | < 0.050          |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                           | < 0.050          |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                      | < 0.050          |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                     | < 0.150          |      | 0.150              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                         | < 0.300          |      | 0.300              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (F | PID)             |      | 97.2 %             | 71.5       | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by          | GC FID           |      |                    |            |          |         |         |           |           |       |
| GRO C6-C10*                        | <10.0            |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                      | <10.0            |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                   | <10.0            |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane          |                  |      | 90.5 %             | 48.2       | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane      |                  |      | 97.3 %             | 49.1       | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur 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 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 75 (2') H234165-03 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units     | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|-----------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardina            | l Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |           |          |         |         |           |           |       |
| Chloride                            | 32.0            |      | 16.0               | mg/kg     | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compounds          | s by EPA Method | 8021 |                    |           |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (PI | D)              |      | 96.2 %             | 71.5      | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |           |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                       | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                    | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 99.3 %             | 48.2      | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 106 %              | 49.1      | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur 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. Keine



## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 76 (2') H234165-04 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units     | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|-----------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardina            | l Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |           |          |         |         |           |           |       |
| Chloride                            | 32.0            |      | 16.0               | mg/kg     | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compounds          | s by EPA Method | 8021 |                    |           |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (PI | D)              |      | 97.7 %             | 71.5      | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |           |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                       | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                    | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 101 %              | 48.2      | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 108 %              | 49.1      | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur 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. Keine



## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 77 (0.5') H234165-05 (Soil)

| Analyte                              | Result        | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|--------------------------------------|---------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                      |               |      | Cardina            | al Laborat | tories   |         |         |           |           |       |
| Inorganic Compounds                  |               |      |                    |            |          |         |         |           |           |       |
| Chloride                             | 32.0          |      | 16.0               | mg/kg      | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compounds           | by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                             | < 0.050       |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                             | < 0.050       |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                        | < 0.050       |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                       | < 0.150       |      | 0.150              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                           | < 0.300       |      | 0.300              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (PIL | ))            |      | 94.9 %             | 71.5       | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by            | GC FID        |      |                    |            |          |         |         |           |           |       |
| GRO C6-C10*                          | <10.0         |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                        | <10.0         |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                     | <10.0         |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane            |               |      | 116 %              | 48.2       | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane        |               |      | 126 %              | 49.1       | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur 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. Keine



## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 78 (0.5') H234165-06 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardin             | al Laborat | tories   |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |            |          |         |         |           |           |       |
| Chloride                            | 16.0            |      | 16.0               | mg/kg      | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compound           | s by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (Pl | ID)             |      | 96.6 %             | 71.5       | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |            |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                       | 11.7            |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                    | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 106 %              | 48.2       | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 116 %              | 49.1       | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur 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. Keine



## Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 79 (0.5') H234165-07 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardin             | al Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |            |          |         |         |           |           |       |
| Chloride                            | <16.0           |      | 16.0               | mg/kg      | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compounds          | s by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (Pl | TD)             |      | 96.8 %             | 71.5       | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |            |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                       | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                    | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 99.6 %             | 48.2       | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 108 %              | 49.1       | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur 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. Keine



# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

CS - 80 (0.5') H234165-08 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardina            | ıl Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |            |          |         |         |           |           |       |
| Chloride                            | 16.0            |      | 16.0               | mg/kg      | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compounds          | s by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (Pl | D)              |      | 98.0 %             | 71.5       | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |            |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                       | 54.9            |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                    | 17.6            |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 105 %              | 48.2       | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 116 %              | 49.1       | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur 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

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 43 (0.5-2') H234165-09 (Soil)

| Analyte                               | Result       | MDL  | Reporting<br>Limit | Units     | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|---------------------------------------|--------------|------|--------------------|-----------|----------|---------|---------|-----------|-----------|-------|
|                                       |              |      | Cardina            | l Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                   |              |      |                    |           |          |         |         |           |           |       |
| Chloride                              | <16.0        |      | 16.0               | mg/kg     | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compounds b          | y EPA Method | 8021 |                    |           |          |         |         |           |           |       |
| Benzene*                              | < 0.050      |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                              | < 0.050      |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                         | < 0.050      |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                        | < 0.150      |      | 0.150              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                            | < 0.300      |      | 0.300              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (PID) |              |      | 94.7 %             | 71.5      | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by G           | C FID        |      |                    |           |          |         |         |           |           |       |
| GRO C6-C10*                           | <10.0        |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                         | <10.0        |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                      | <10.0        |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane             |              |      | 93.8 %             | 48.2      | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane         |              |      | 102 %              | 49.1      | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur 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

Celey D. Keene, Lab Director/Quality Manager



# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 44 (0-0.5') H234165-10 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units     | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|-----------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardina            | l Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |           |          |         |         |           |           |       |
| Chloride                            | <16.0           |      | 16.0               | mg/kg     | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compounds          | s by EPA Method | 8021 |                    |           |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg     | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (Pl | D)              |      | 95.7 %             | 71.5      | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |           |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                       | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                    | <10.0           |      | 10.0               | mg/kg     | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 105 %              | 48.2      | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 113 %              | 49.1      | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keine



# Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 45 (0-0.5') H234165-11 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardin             | al Laborat | ories    |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |            |          |         |         |           |           |       |
| Chloride                            | <16.0           |      | 16.0               | mg/kg      | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compound           | s by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (Pa | ID)             |      | 95.7 %             | 71.5       | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |            |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                       | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                    | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 99.8 %             | 48.2       | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 109 %              | 49.1       | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur 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 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

SW - 46 (0-0.5') H234165-12 (Soil)

| Analyte                             | Result          | MDL  | Reporting<br>Limit | Units      | Dilution | Batch   | Analyst | Analyzed  | Method    | Notes |
|-------------------------------------|-----------------|------|--------------------|------------|----------|---------|---------|-----------|-----------|-------|
|                                     |                 |      | Cardin             | al Laborat | tories   |         |         |           |           |       |
| Inorganic Compounds                 |                 |      |                    |            |          |         |         |           |           |       |
| Chloride                            | <16.0           |      | 16.0               | mg/kg      | 4        | 3080720 | AC      | 07-Aug-23 | 4500-Cl-B |       |
| Volatile Organic Compounds          | s by EPA Method | 8021 |                    |            |          |         |         |           |           |       |
| Benzene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Toluene*                            | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Ethylbenzene*                       | < 0.050         |      | 0.050              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total Xylenes*                      | < 0.150         |      | 0.150              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Total BTEX                          | < 0.300         |      | 0.300              | mg/kg      | 50       | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Surrogate: 4-Bromofluorobenzene (Pl | D)              |      | 97.0 %             | 71.5       | -134     | 3080502 | MS      | 06-Aug-23 | 8021B     |       |
| Petroleum Hydrocarbons by           | GC FID          |      |                    |            |          |         |         |           |           |       |
| GRO C6-C10*                         | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| DRO >C10-C28*                       | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| EXT DRO >C28-C36                    | <10.0           |      | 10.0               | mg/kg      | 1        | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctane           |                 |      | 100 %              | 48.2       | -134     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |
| Surrogate: 1-Chlorooctadecane       |                 |      | 109 %              | 49.1       | -148     | 3080440 | MS      | 05-Aug-23 | 8015B     |       |

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 aring 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 damage 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 sur 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 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

# **Inorganic Compounds - Quality Control**

## **Cardinal Laboratories**

| Analyte                      | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC      | %REC<br>Limits | RPD  | RPD<br>Limit | Notes |
|------------------------------|--------|--------------------|-------|----------------|------------------|-----------|----------------|------|--------------|-------|
| Batch 3080720 - 1:4 DI Water |        |                    |       |                |                  |           |                |      |              |       |
| Blank (3080720-BLK1)         |        |                    |       | Prepared &     | Analyzed:        | 07-Aug-23 |                |      |              |       |
| Chloride                     | ND     | 16.0               | mg/kg |                |                  |           |                |      |              |       |
| LCS (3080720-BS1)            |        |                    |       | Prepared &     | Analyzed:        | 07-Aug-23 |                |      |              |       |
| Chloride                     | 416    | 16.0               | mg/kg | 400            |                  | 104       | 80-120         |      |              |       |
| LCS Dup (3080720-BSD1)       |        |                    |       | Prepared &     | Analyzed:        | 07-Aug-23 |                |      |              |       |
| Chloride                     | 432    | 16.0               | mg/kg | 400            |                  | 108       | 80-120         | 3.77 | 20           |       |

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 aring 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 damage 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 sur 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



%REC

# **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Project Number: 237481

Project Manager: ETHAN SESSUMS

Spike

Source

Fax To:

Reporting

Reported: 14-Aug-23 15:21

RPD

# Volatile Organic Compounds by EPA Method 8021 - Quality Control

## **Cardinal Laboratories**

|                                       |        | Reporting |       | Spike       | Bource      |             | /OKEC     |        | KI D  |       |
|---------------------------------------|--------|-----------|-------|-------------|-------------|-------------|-----------|--------|-------|-------|
| Analyte                               | Result | Limit     | Units | Level       | Result      | %REC        | Limits    | RPD    | Limit | Notes |
| Batch 3080502 - Volatiles             |        |           |       |             |             |             |           |        |       |       |
| Blank (3080502-BLK1)                  |        |           |       | Prepared: ( | )5-Aug-23 A | Analyzed: ( | 06-Aug-23 |        |       |       |
| Benzene                               | ND     | 0.050     | mg/kg |             |             |             |           |        |       |       |
| Toluene                               | ND     | 0.050     | mg/kg |             |             |             |           |        |       |       |
| Ethylbenzene                          | ND     | 0.050     | mg/kg |             |             |             |           |        |       |       |
| Total Xylenes                         | ND     | 0.150     | mg/kg |             |             |             |           |        |       |       |
| Total BTEX                            | ND     | 0.300     | mg/kg |             |             |             |           |        |       |       |
| Surrogate: 4-Bromofluorobenzene (PID) | ND     |           | mg/kg | 0.0500      |             | 95.6        | 71.5-134  |        |       |       |
| LCS (3080502-BS1)                     |        |           |       | Prepared: ( | )5-Aug-23 A | Analyzed: ( | 06-Aug-23 |        |       |       |
| Benzene                               | 2.18   | 0.050     | mg/kg | 2.00        |             | 109         | 82.8-130  |        |       |       |
| Toluene                               | 2.12   | 0.050     | mg/kg | 2.00        |             | 106         | 86-128    |        |       |       |
| Ethylbenzene                          | 2.06   | 0.050     | mg/kg | 2.00        |             | 103         | 85.9-128  |        |       |       |
| m,p-Xylene                            | 4.18   | 0.100     | mg/kg | 4.00        |             | 104         | 89-129    |        |       |       |
| o-Xylene                              | 2.02   | 0.050     | mg/kg | 2.00        |             | 101         | 86.1-125  |        |       |       |
| Total Xylenes                         | 6.19   | 0.150     | mg/kg | 6.00        |             | 103         | 88.2-128  |        |       |       |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0467 |           | mg/kg | 0.0500      |             | 93.5        | 71.5-134  |        |       |       |
| LCS Dup (3080502-BSD1)                |        |           |       | Prepared: ( | )5-Aug-23 A | Analyzed: ( | 06-Aug-23 |        |       |       |
| Benzene                               | 2.20   | 0.050     | mg/kg | 2.00        |             | 110         | 82.8-130  | 0.577  | 15.8  |       |
| Toluene                               | 2.14   | 0.050     | mg/kg | 2.00        |             | 107         | 86-128    | 0.949  | 15.9  |       |
| Ethylbenzene                          | 2.06   | 0.050     | mg/kg | 2.00        |             | 103         | 85.9-128  | 0.121  | 16    |       |
| m,p-Xylene                            | 4.16   | 0.100     | mg/kg | 4.00        |             | 104         | 89-129    | 0.424  | 16.2  |       |
| o-Xylene                              | 2.03   | 0.050     | mg/kg | 2.00        |             | 101         | 86.1-125  | 0.686  | 16.7  |       |
| Total Xylenes                         | 6.19   | 0.150     | mg/kg | 6.00        |             | 103         | 88.2-128  | 0.0618 | 16.3  |       |
| Surrogate: 4-Bromofluorobenzene (PID) | 0.0460 |           | mg/kg | 0.0500      |             | 92.0        | 71.5-134  |        |       |       |
|                                       |        |           |       |             |             |             |           |        |       |       |

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 aring 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 damage 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 claims 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



%REC

# **Analytical Results For:**

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706 Project: THISTLE UNIT #46

Spike

Source

Project Number: 237481

Project Manager: ETHAN SESSUMS

Fax To:

Reported: 14-Aug-23 15:21

RPD

## Petroleum Hydrocarbons by GC FID - Quality Control

## **Cardinal Laboratories**

Reporting

| Analyte                                 | Result | Limit | Units | Level       | Result      | %REC        | Limits    | RPD   | Limit | Notes |
|---|--------|-------|-------|-------------|-------------|-------------|-----------|-------|-------|-------|
| Batch 3080440 - General Prep - Organics |        |       |       |             |             |             |           |       |       |       |
| Blank (3080440-BLK1)                    |        |       |       | Prepared: ( | )4-Aug-23 A | Analyzed: ( | )5-Aug-23 |       |       |       |
| GRO C6-C10                              | ND     | 10.0  | mg/kg |             |             |             |           |       |       |       |
| DRO >C10-C28                            | ND     | 10.0  | mg/kg |             |             |             |           |       |       |       |
| EXT DRO >C28-C36                        | ND     | 10.0  | mg/kg |             |             |             |           |       |       |       |
| Surrogate: 1-Chlorooctane               | 42.6   |       | mg/kg | 50.0        |             | 85.2        | 48.2-134  |       |       |       |
| Surrogate: 1-Chlorooctadecane           | 46.5   |       | mg/kg | 50.0        |             | 93.1        | 49.1-148  |       |       |       |
| LCS (3080440-BS1)                       |        |       |       | Prepared: ( | )4-Aug-23 A | Analyzed: ( | )5-Aug-23 |       |       |       |
| GRO C6-C10                              | 165    | 10.0  | mg/kg | 200         |             | 82.3        | 66.4-123  |       |       |       |
| DRO >C10-C28                            | 167    | 10.0  | mg/kg | 200         |             | 83.6        | 66.5-118  |       |       |       |
| Total TPH C6-C28                        | 332    | 10.0  | mg/kg | 400         |             | 83.0        | 77.6-123  |       |       |       |
| Surrogate: 1-Chlorooctane               | 45.6   |       | mg/kg | 50.0        |             | 91.2        | 48.2-134  |       |       |       |
| Surrogate: 1-Chlorooctadecane           | 52.7   |       | mg/kg | 50.0        |             | 105         | 49.1-148  |       |       |       |
| LCS Dup (3080440-BSD1)                  |        |       |       | Prepared: ( | )4-Aug-23 A | Analyzed: ( | )5-Aug-23 |       |       |       |
| GRO C6-C10                              | 170    | 10.0  | mg/kg | 200         |             | 85.2        | 66.4-123  | 3.39  | 17.7  |       |
| DRO >C10-C28                            | 166    | 10.0  | mg/kg | 200         |             | 83.1        | 66.5-118  | 0.522 | 21    |       |
| Total TPH C6-C28                        | 337    | 10.0  | mg/kg | 400         |             | 84.2        | 77.6-123  | 1.44  | 18.5  |       |
| Surrogate: 1-Chlorooctane               | 46.7   |       | mg/kg | 50.0        |             | 93.4        | 48.2-134  |       |       |       |
| Surrogate: 1-Chlorooctadecane           | 51.2   |       | mg/kg | 50.0        |             | 102         | 49.1-148  |       |       |       |

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 aring 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 damage 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 sur claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Keene



#### **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

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 aring 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 damage 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 sur 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

Celey D. Keene, Lab Director/Quality Manager

Page 18 of 20

| ge 4 | 442 | of 4 |
|------|-----|------|
|      |     |      |
| Ċ    | 3   | )    |

| Mathews@dvn.com  Mathews@dvn.com  Pres. No Code No Comp Comp Comp Comp Cont From client company to Xenco, its affiliates and it re any losses or expenses incurred by the client of submitted to Xenco, but not analyzed. These  | lanager:  | Ethan Sessums NTG Environmental   |  | Bill to: (if different) Company Name: Address:                               |              | Wesley Mathews Devon Energy 6488 Seven Rivers Highway     | Mathew<br>inergy | ers Hig                               | hway |            |                       | Work Order No: Hass  Page  Work Order Comments  Program: UST/PST   PRP   Brownfields   PRPC   State of Project: | WST/PS     | Work Order C  Work Order C  /PST   PRP   Brown tt | R Order No: Hage |
|--|---|---|--|--|--------------|---|------------------|---------------------------------------|------|------------|-----------------------|---|------------|---|------------------|
| Cet. State 2P    Carboad NM 85/20    Email   Wesley Manithrow@dm.com   | Wallie.   | V McKay St  |  | Address:   |              | 6488 Se   | ven Riv          | ers High                              | hway |            |                       | State of I  | roject:    | ]   |                  |
| Project Marine  Thists Unit 46  Turn Acount Project Marine Project | e ZIP:  | bad, NM 88220   |  | City, State ZIP:   |              | Artesia,  | NM 882           | 210                                   |      |            |                       | Reporting   | Level II   | ] [ev   |                  |
| Project Number: 237481   Due Date: 44  |   | 266-5456  | Emai   |  | vs@dvn.c     | moc   |                  |                                       |      |            | L                     | Deliveran   | L C        |   | .                |
| Project Location Project Location Project Location Region Manuface Region Manu | Pusical Marray  | Thistle Unit 46   | Tu   | n Around   |              |   |                  |                                       | AN   | ALYSI      | REC                   | DUEST   | -          |   |                  |
| Reciproci Location  Lea Co NM  Reginal Sharine  Kellan Smith  Link starts the day recovered by the process of t | Project Number:   | 237481  | Routine  | Rush   | Code         |   | -                |                                       | F    | +          | 1                     |   | +          |   |                  |
| SAMPLE RECEIPT Temp Blank Ves. (AS) Wet loss (46) No learn state and approximate regarding.  SAMPLE RECEIPT Temp Blank Ves. (AS) Wet loss (46) No learn state and approximate regarding.  Cooper Custody Seals: Ves. No. (AS) Correction Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Factor:  Sample Identification Date Time Soil Water Graph Control Corporation Management Control Corporation Managem | Project Location  | Lea Co, NM  | Due Date:  | 18hc   |              |   | 0)               | _                                     |      | _          |                       |   |            |   |                  |
| SAMPLE RECEIPT  Temp Blank  Yes No. 4(A)  Temporature Reading.  Yes No. 4(A)  Temporature  Sonit Water Comp Cont.  Yes No. 4(A)  Temporature  Part Cont.  Yes No. 4(A)  Temporature   | Sampler's Name:   | Kellan Smith  | TAT starts th  | e day received by the  |              |   | MRC              | _                                     |      |            |                       |   |            |   |                  |
| SAMPLE RECEIPT Temp Blank: Yes, No. 1/2 (Contection Feator: 1/2 (Contection Fe | PO#.  | 21177730  | lab, if re   | Served by 4:30pm   | ers          |   | _                | _                                     |      |            |                       |   |            |   |                  |
| Received Intact:  Ves. No. (M.S.) Correction Footback:  Ves. No. (M.S.) Correction Footback:  Ves. No. (M.S.) Correction Reading:  L. L. Comp. Cont. Cont. Comp. Cont. Cont. Comp. Cont. C | SAMPLE RECEIPT  | Temp Blank:   | 8  | 1  | met          | 21B   |                  | 4500                                  |      |            |                       |   |            |   |                  |
| Cooler Custody Seals: Yes No MA Correction Factor:  Total Containers: Yes No MA Correction Factor:  Total Containers: Yes No MA Corrected Temperature Reading:  Total Containers: Yes No MA Corrected Temperature Reading:  Total Containers: Yes No MA Corrected Temperature Received by: (Signature)  Total Containers: Yes No MA Corrected Temperature Received by: (Signature)  Total Containers: Yes No MA Corrected Temperature Received by: (Signature)  Total Containers: Yes No MA Corrected Temperature Received by: (Signature)  Total Containers: Yes No MA Corrected Temperature Yes No Make Total Market Comp Cont  Water Comp Cont  Time Soil Water Comp Cont  Water Comp Cont  Time Soil Water Comp Cont  Water Comp Cont  The Disperature Yes No MA Corrected Temperature Yes No Make Total No Market No Ma | Received Intact:  | Yes   | Thermometer ID:  | 140  | Para         | X 80  |                  | ride                                  |      |            |                       |   |            |   |                  |
| Sample Custody Seals: Yes No AM. Temperature Received by (Signature)  Total Containers:   | Cooler Custody Seals:   | No  | Correction Factor:   |  | F            | вте   |                  | Cnio                                  |      |            |                       |   | _          |   |                  |
| Total Containers:    Corrected Imperature   Comp   Cont   Cont   | Sample Custody Seals:   | No  | Temperature Reading  | 1170   |              |   | _                | _                                     |      |            |                       |   |            |   |                  |
| Sample Identification  Date  Time  Soil  Water  Comp  Cont  X X X X X X X X X X X X X X X X X X X  | Total Containers:   | 71  | Collected Tomporation  |  | -            |   | TPH              | _                                     |      | _          |                       |   | _          |   |                  |
| CS-34 (2)  LS-35 (2)  LS-36 (0.5)  LS-37 (0.5)  LS-37 (0.5)  LS-37 (0.5)  Additional Comments:  **A (0.5)  **A | Sample Identificat  |   |  |  |              |   | +                | +                                     | +    | +          | +                     | +   | +          | 1   |                  |
| Additional Comments:   | 14) 08-57   | 1. 4423   | ×  | Comp   | -            | ×   | +                | -                                     | +    | +          | +                     | +   | +          | +   |                  |
| Additional Comments:  Additional Comments:  Additional Comments:  Additional Comments:  Additional Comment of samples constitutes a valid purchase order from client company to Xenco, its affiliates and subcontractors. It assigns standard terms and cond 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 cost of samples and shall not assume any responsibility for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously regulated by: (Signature)  Received by: (Signature)  Received by: (Signature)   | ) ht  | .*  | -  | -  | +            | E   | +                | F                                     | +    | +          | +                     | +   | +          | +   |                  |
| Additional Comments:  Additional Comments:  Additional Comments:  Additional Comments:  Additional Comments:  Additional Comment and relinquishment of samples constitutes a valid purchase order from client company to Xence, its affiliates and subcontractors. It assigns standard terms and cond of service. Xence 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 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 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 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 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 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 cost of samples and submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated by Xenco, but not analyzed. These terms will be enforced unless previously negotiated by Xenco, but not analyzed. These terms will be enforced unless previously negotiated by Xenco, but not analyzed. These terms will be enforced unless previously negotiated by Xenco, but not analyzed. These terms will be enforced unless previously negotiated by Xenco, but not analyzed. These terms will be enforced by Xenco, but not analyzed. These terms will be enforced unless previously negotiated by Xenco, but not analyzed. These terms will be enforced by Xenco, but not analyzed.  |   |   |  | +  | +            | $\pm$   | +                | Ŧ                                     | #    | +          | +                     | +   | +          | +   |                  |
| Additional Comments:   | -   |   |  |  | +            | +   |                  |                                       |      | +          | +                     |   |            |   |                  |
| Additional Comments:   | 18.50   | AL  |  |  |              |   |                  |                                       |      | $\vdash$   | +                     | -   | +          | +   |                  |
| CHOLL SES TO TO THE SERVICE STATE OF THE SERVICE ST | 2 %   |   |  |  | -            |   |                  | F                                     | +    | +          | +                     |   | +          | 1   | 1                |
| s. It assigns standard terms and cond<br>are due to circumstances beyond the cenforced unless previously negotiated<br>shed by: (Signature)  |   | .6.7  |  | -  | +            | -   |                  | Ŧ                                     | +    | +          | +                     | 1   | +          | +   |                  |
| It assigns standard terms and cond are due to circumstances beyond the enforced unless previously negotiated shed by: (Signature)  | 1-450/0   | -Z') ¥  |  | -  | +            | -   |                  | Ŧ                                     | 1    | +          | +                     | +   | +          | +   | 1                |
| Lassigns standard terms and cond are due to circumstances beyond the enforced unless previously negotiated shed by: (Signature)  | 97484-15  | 1 (15:0-  | _  |  | -            | -   | -                | -                                     |      | -          | 1                     |   |            |   |                  |
| s. It assigns standard terms and cond<br>are due to circumstances beyond the e<br>enforced unless previously negotiated<br>ished by: (Signature)   | Additional  | Comments:   | * 0.   | 3  | 7            |   | te               | 0<br>H                                | 7    | P          | 0                     | 5   | 9          | 1/3   | 1/2              |
| are due to circumstances beyond the cenforced unless previously negotiated shed by: (Signature)  |   |   | 7 (24  | MANAGE   | 000          |   | offiliatos       | and sub                               |      | lt assigns | standa                | rd terms and  | condition  | 5   | -                |
| shed by: (Signature)   | Notice: Signature of this document of service. Xenco will be liable |   | allo constitutes a valid pun   | chase order from client<br>consibility for any loss<br>or each sample submit | Company to   | ma  | affiliates       | s and sub<br>client if so<br>These to |      | e due to c | ircumsta<br>iless pre | ances beyond  | d the cont | 0 0   |                  |
| 1110 10 10 10 10 10 10 10 10 10 10 10 10   | of Xenco. A minimum charge of                                       | nent and relinquishment of same only for the cost of samples are  | nd shall not assume any resi   |  | es or expens | Xenco, its<br>ses incurre<br>o, but not a                 | analyzed.        | -                                     |      |            | (Signa                | eviously nego   | Re         |   |                  |
|  | Relinquisped by. (Si  | nent and relinquishment of sam<br>only for the cost of samples ar<br>of \$85.00 will be applied to each             | nd shall not assume any result project and a charge of \$5.  | ature)   | es or expent | Xenco, its ses incurre o, but not a                       | analyzed.        |                                       |      | hed by:    |                       | ature)  |            | ceived  | by: (S           |
|  | 3 6   | ment and relinquishment of san<br>only for the cost of samples ar<br>of \$85.00 will be applied to each<br>gnature) | nd shall not assume any rest, project and a charge of \$5 project and a char | ature)   | es or expent | Xenco, its oxenco, its oxen incurre o, but not the Date/T | ime              | 2 4                                   |      | hed by:    |                       | ature)  |            | ceived  | by: (S           |

| ge |   | • | 7. | , |   | J |
|----|---|---|----|---|---|---|
|    |   |   | S  |   |   |   |
| J  | ī | 3 | 9  | ģ | ١ |   |
| L  | d | d | ø  | 7 | 1 |   |

| Devon Energy  Artesia, NM 88210  TPH 8015M (GRO + DRO + MRO)  Chloride 4500  ANALYSIS REQUEST  ANALYSIS REQUEST  Delive | Work Order No: Italian Page  Work Order Comments  Work Order Comments  Work Order Comments  Program: UST/PST   PRP   Brownfields   RRC  State of Project:  Reporting:Level III   Level III   PST/UST   TRRP  Deliverables: EDD   ADaPT   Other  Ouest   Preserva  None: NO  Coot Cool HCL HC H2S04: H2 H3P04: HP Na2S203: NaS Zn Acetate+Ne NaOH+Ascort  Sample |
|---|---|
|---|---|



October 04, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: THISTLE UNIT #46

Enclosed are the results of analyses for samples received by the laboratory on 09/28/23 15:00.

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:
 09/28/2023
 Sampling Date:
 09/28/2023

 Reported:
 10/04/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

## Sample ID: V - 1 (0-6") (H235319-01)

| BTEX 8021B                           | mg     | /kg             | Analyze         | d By: MS     |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | 2.58   | 0.200           | 10/02/2023      | ND           | 2.07 | 103        | 2.00          | 6.42 |           |
| Toluene*                             | 17.8   | 0.200           | 10/02/2023      | ND           | 2.17 | 109        | 2.00          | 6.80 | QM-07     |
| Ethylbenzene*                        | 5.63   | 0.200           | 10/02/2023      | ND           | 2.17 | 108        | 2.00          | 8.26 | QM-07     |
| Total Xylenes*                       | 37.1   | 0.600           | 10/02/2023      | ND           | 5.93 | 98.9       | 6.00          | 8.99 | QM-07     |
| Total BTEX                           | 63.1   | 1.20            | 10/02/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 276    | % 71.5-13       | 4               |              |      |            |               |      |           |
| Chloride, SM4500Cl-B                 | mg     | /kg             | Analyzed By: AC |              |      |            |               |      |           |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Chloride                             | 160    | 16.0            | 10/02/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg     | /kg             | Analyze         | d By: MS     |      |            |               |      | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 999    | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 1.85 |           |
| DRO >C10-C28*                        | 6480   | 10.0            | 09/29/2023      | ND           | 217  | 109        | 200           | 2.69 |           |
| EXT DRO >C28-C36                     | 1510   | 10.0            | 09/29/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 139    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 194    | % 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:

09/28/2023

Reported: 10/04/2023

Project Name: THISTLE UNIT #46

Project Number: 237481

Received:

Project Location: DEVON - LEA CO., NM Sampling Date: 09/28/2023

Sampling Type: Soil

Sampling Condition: Cool & Intact Sample Received By:

Dionica Hinojos

## Sample ID: V - 1 (1-1.5') (H235319-02)

| BTEX 8021B                           | mg/kg  |                 | Analyzed By: MS |              |      |            |               |      | S-04      |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | 4.33   | 1.00            | 10/02/2023      | ND           | 2.07 | 103        | 2.00          | 6.42 |           |
| Toluene*                             | 53.0   | 1.00            | 10/02/2023      | ND           | 2.17 | 109        | 2.00          | 6.80 |           |
| Ethylbenzene*                        | 18.7   | 1.00            | 10/02/2023      | ND           | 2.17 | 108        | 2.00          | 8.26 |           |
| Total Xylenes*                       | 80.8   | 3.00            | 10/02/2023      | ND           | 5.93 | 98.9       | 6.00          | 8.99 |           |
| Total BTEX                           | 157    | 6.00            | 10/02/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 136    | % 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            | 10/02/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg     | /kg             | Analyze         | d By: MS     |      |            |               |      | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 1640   | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 1.85 |           |
| DRO >C10-C28*                        | 3760   | 10.0            | 09/29/2023      | ND           | 217  | 109        | 200           | 2.69 |           |
| EXT DRO >C28-C36                     | 764    | 10.0            | 09/29/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 154    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 161    | % 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



09/28/2023

Soil

#### Analytical Results For:

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

Received: 09/28/2023 Sampling Date:

Reported: 10/04/2023 Sampling Type:

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 1 (2-2.5') (H235319-03)

| BTEX 8021B                           | mg/kg  |                 | Analyzed By: MS |              |      |            |               |      |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| Benzene*                             | 1.65   | 1.00            | 10/02/2023      | ND           | 2.07 | 103        | 2.00          | 6.42 |           |
| Toluene*                             | 21.9   | 1.00            | 10/02/2023      | ND           | 2.17 | 109        | 2.00          | 6.80 |           |
| Ethylbenzene*                        | 9.06   | 1.00            | 10/02/2023      | ND           | 2.17 | 108        | 2.00          | 8.26 |           |
| Total Xylenes*                       | 41.0   | 3.00            | 10/02/2023      | ND           | 5.93 | 98.9       | 6.00          | 8.99 |           |
| Total BTEX                           | 73.6   | 6.00            | 10/02/2023      | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 119    | % 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                             | 320    | 16.0            | 10/02/2023      | ND           | 432  | 108        | 400           | 3.64 |           |
| TPH 8015M                            | mg     | /kg             | Analyze         | ed By: MS    |      |            |               |      | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD  | Qualifier |
| GRO C6-C10*                          | 658    | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 1.85 |           |
| DRO >C10-C28*                        | 1720   | 10.0            | 09/29/2023      | ND           | 217  | 109        | 200           | 2.69 |           |
| EXT DRO >C28-C36                     | 347    | 10.0            | 09/29/2023      | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 127    | % 48.2-13       | 4               |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 166    | % 49.1-14       | 8               |              |      |            |               |      |           |
|                                      |        |                 |                 |              |      |            |               |      |           |

# Cardinal Laboratories

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

Celey D. Keene, Lab Director/Quality Manager

\*=Accredited Analyte



Sample Received By:

09/28/2023

Dionica Hinojos

#### Analytical Results For:

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

Received: 09/28/2023 Sampling Date:

Reported: 10/04/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 1 (3-3.5') (H235319-04)

| BTEX 8021B                           | mg     | /kg             | Analyzed By: MS |              |      |            |               |       |              |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|--------------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier    |
| Benzene*                             | 4.34   | 1.00            | 10/02/2023      | ND           | 2.07 | 103        | 2.00          | 6.42  |              |
| Toluene*                             | 39.3   | 1.00            | 10/02/2023      | ND           | 2.17 | 109        | 2.00          | 6.80  |              |
| Ethylbenzene*                        | 15.5   | 1.00            | 10/02/2023      | ND           | 2.17 | 108        | 2.00          | 8.26  |              |
| Total Xylenes*                       | 73.6   | 3.00            | 10/02/2023      | ND           | 5.93 | 98.9       | 6.00          | 8.99  |              |
| Total BTEX                           | 133    | 6.00            | 10/02/2023      | ND           |      |            |               |       |              |
| Surrogate: 4-Bromofluorobenzene (PID | 127    | % 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                             | 80.0   | 16.0            | 10/02/2023      | ND           | 432  | 108        | 400           | 3.64  |              |
| TPH 8015M                            | mg     | /kg             | Analyze         | ed By: MS    |      |            |               |       | S-04         |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier    |
| GRO C6-C10*                          | 1330   | 10.0            | 09/29/2023      | ND           | 185  | 92.4       | 200           | 0.410 | QM-07, QR-03 |
| DRO >C10-C28*                        | 2930   | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 2.17  | QM-07, QR-03 |
| EXT DRO >C28-C36                     | 456    | 10.0            | 09/29/2023      | ND           |      |            |               |       |              |
| Surrogate: 1-Chlorooctane            | 190    | % 48.2-13       | 4               |              |      |            |               |       |              |
| Surrogate: 1-Chlorooctadecane        | 197    | % 49.1-14       | 18              |              |      |            |               |       |              |
|                                      |        |                 |                 |              |      |            |               |       |              |

# 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg & Freene



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

#### Analytical Results For:

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

Fax To:

Received: 09/28/2023 Sampling Date: 09/28/2023 Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 1 (4-4.5') (H235319-05)

| BTEX 8021B                           | mg     | /kg             | Analyzed By: MS |              |      |            |               | S-04  |           |  |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|--|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| Benzene*                             | 0.877  | 0.500           | 10/02/2023      | ND           | 2.07 | 103        | 2.00          | 6.42  |           |  |
| Toluene*                             | 12.4   | 0.500           | 10/02/2023      | ND           | 2.17 | 109        | 2.00          | 6.80  |           |  |
| Ethylbenzene*                        | 7.64   | 0.500           | 10/02/2023      | ND           | 2.17 | 108        | 2.00          | 8.26  |           |  |
| Total Xylenes*                       | 41.2   | 1.50            | 10/02/2023      | ND           | 5.93 | 98.9       | 6.00          | 8.99  |           |  |
| Total BTEX                           | 62.1   | 3.00            | 10/02/2023      | ND           |      |            |               |       |           |  |
| Surrogate: 4-Bromofluorobenzene (PID | 140    | % 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            | 10/02/2023      | ND           | 432  | 108        | 400           | 3.64  |           |  |
| TPH 8015M                            | mg,    | /kg             | Analyze         | d By: MS     |      |            |               |       | S-04      |  |
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |  |
| GRO C6-C10*                          | 1250   | 10.0            | 09/29/2023      | ND           | 185  | 92.4       | 200           | 0.410 |           |  |
| DRO >C10-C28*                        | 3240   | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 2.17  |           |  |
| EXT DRO >C28-C36                     | 521    | 10.0            | 09/29/2023      | ND           |      |            |               |       |           |  |
| Surrogate: 1-Chlorooctane            | 199    | % 48.2-13       | 4               |              |      |            |               |       |           |  |
| Surrogate: 1-Chlorooctadecane        | 227    | % 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. Keine



#### Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Dionica Hinojos Project Number: 237481 Sample Received By:

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 2 (0-6") (H235319-06)

| 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           | 10/02/2023      | ND           | 2.07 | 103        | 2.00          | 6.42  |           |
| Toluene*                             | 0.064  | 0.050           | 10/02/2023      | ND           | 2.17 | 109        | 2.00          | 6.80  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 10/02/2023      | ND           | 2.17 | 108        | 2.00          | 8.26  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 10/02/2023      | ND           | 5.93 | 98.9       | 6.00          | 8.99  |           |
| Total BTEX                           | <0.300 | 0.300           | 10/02/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 116 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                             | 272    | 16.0            | 10/02/2023      | 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            | 09/29/2023      | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | 77.6   | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | 11.3   | 10.0            | 09/29/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 83.3   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 94.7   | % 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



Dionica Hinojos

Sample Received By:

#### Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 2 (1-1.5') (H235319-07)

| 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           | 10/01/2023 | ND           | 2.07 | 103        | 2.00          | 6.42  |           |
| Toluene*                             | <0.050 | 0.050           | 10/01/2023 | ND           | 2.17 | 109        | 2.00          | 6.80  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 10/01/2023 | ND           | 2.17 | 108        | 2.00          | 8.26  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 10/01/2023 | ND           | 5.93 | 98.9       | 6.00          | 8.99  |           |
| Total BTEX                           | <0.300 | 0.300           | 10/01/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 114 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            | 10/02/2023 | 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            | 09/29/2023 | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 09/29/2023 | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 81.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 91.0   | % 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 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celeg D. Freene



#### Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 2 (2-2.5') (H235319-08)

| BTEX 8021B                           | mg     | /kg             | Analyze    | ed By: MS    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 10/01/2023 | ND           | 2.07 | 103        | 2.00          | 6.42  |           |
| Toluene*                             | <0.050 | 0.050           | 10/01/2023 | ND           | 2.17 | 109        | 2.00          | 6.80  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 10/01/2023 | ND           | 2.17 | 108        | 2.00          | 8.26  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 10/01/2023 | ND           | 5.93 | 98.9       | 6.00          | 8.99  |           |
| Total BTEX                           | <0.300 | 0.300           | 10/01/2023 | 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                             | 64.0   | 16.0            | 10/02/2023 | 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            | 09/29/2023 | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | 25.3   | 10.0            | 09/29/2023 | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 77.7   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 86.9   | % 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 related 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: 09/28/2023 Sampling Date: 09/28/2023 Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 2 (3-3.5') (H235319-09)

| 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           | 10/01/2023      | ND           | 2.07 | 103        | 2.00          | 6.42  |           |
| Toluene*                             | <0.050 | 0.050           | 10/01/2023      | ND           | 2.17 | 109        | 2.00          | 6.80  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 10/01/2023      | ND           | 2.17 | 108        | 2.00          | 8.26  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 10/01/2023      | ND           | 5.93 | 98.9       | 6.00          | 8.99  |           |
| Total BTEX                           | <0.300 | 0.300           | 10/01/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 115 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                             | 352    | 16.0            | 10/02/2023      | 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            | 09/29/2023      | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 99.2   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 109 9  | % 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: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Applyzod By: MC

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 2 (4-4.5') (H235319-10)

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           | 10/01/2023      | ND           | 2.07 | 103        | 2.00          | 6.42  |           |
| Toluene*                             | <0.050 | 0.050           | 10/01/2023      | ND           | 2.17 | 109        | 2.00          | 6.80  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 10/01/2023      | ND           | 2.17 | 108        | 2.00          | 8.26  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 10/01/2023      | ND           | 5.93 | 98.9       | 6.00          | 8.99  |           |
| Total BTEX                           | <0.300 | 0.300           | 10/01/2023      | 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                             | 336    | 16.0            | 10/02/2023      | 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            | 09/29/2023      | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 93.9   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 99.5   | % 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: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 3 (0-6") (H235319-11)

| 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           | 10/01/2023      | ND           | 2.07 | 103        | 2.00          | 6.42  |           |
| Toluene*                             | <0.050 | 0.050           | 10/01/2023      | ND           | 2.17 | 109        | 2.00          | 6.80  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 10/01/2023      | ND           | 2.17 | 108        | 2.00          | 8.26  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 10/01/2023      | ND           | 5.93 | 98.9       | 6.00          | 8.99  |           |
| Total BTEX                           | <0.300 | 0.300           | 10/01/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 121    | % 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                             | 512    | 16.0            | 10/02/2023      | 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            | 09/29/2023      | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | 1290   | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | 326    | 10.0            | 09/29/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 101    | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 125    | % 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: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 3 (1-1.5') (H235319-12)

| 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           | 10/01/2023      | ND           | 2.07 | 103        | 2.00          | 6.42  |           |
| Toluene*                             | <0.050 | 0.050           | 10/01/2023      | ND           | 2.17 | 109        | 2.00          | 6.80  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 10/01/2023      | ND           | 2.17 | 108        | 2.00          | 8.26  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 10/01/2023      | ND           | 5.93 | 98.9       | 6.00          | 8.99  |           |
| Total BTEX                           | <0.300 | 0.300           | 10/01/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 121    | % 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                             | 688    | 16.0            | 10/02/2023      | 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            | 09/29/2023      | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | 920    | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | 241    | 10.0            | 09/29/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 92.0   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 121    | % 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.

Celeg D. Keene



#### Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 3 (2-2.5') (H235319-13)

| 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           | 09/29/2023      | ND           | 1.87 | 93.4       | 2.00          | 3.32  |           |
| Toluene*                             | <0.050 | 0.050           | 09/29/2023      | ND           | 1.88 | 94.1       | 2.00          | 2.75  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 09/29/2023      | ND           | 1.96 | 98.0       | 2.00          | 2.77  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 09/29/2023      | ND           | 5.84 | 97.3       | 6.00          | 2.85  |           |
| Total BTEX                           | <0.300 | 0.300           | 09/29/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 111 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                             | 2800   | 16.0            | 10/02/2023      | 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            | 09/29/2023      | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | 42.9   | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 90.1   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 99.8   | % 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: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 3 (3-3.5') (H235319-14)

| 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           | 09/29/2023      | ND           | 1.87 | 93.4       | 2.00          | 3.32  |           |
| Toluene*                             | <0.050 | 0.050           | 09/29/2023      | ND           | 1.88 | 94.1       | 2.00          | 2.75  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 09/29/2023      | ND           | 1.96 | 98.0       | 2.00          | 2.77  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 09/29/2023      | ND           | 5.84 | 97.3       | 6.00          | 2.85  |           |
| Total BTEX                           | <0.300 | 0.300           | 09/29/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 110 %  | 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                             | 672    | 16.0            | 10/02/2023      | 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            | 09/29/2023      | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | 13.3   | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 93.1   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 103 9  | 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 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: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

### Sample ID: V - 3 (4-4.5') (H235319-15)

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           | 09/30/2023 | ND           | 1.87 | 93.4       | 2.00          | 3.32  |           |
| Toluene*                             | <0.050 | 0.050           | 09/30/2023 | ND           | 1.88 | 94.1       | 2.00          | 2.75  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 09/30/2023 | ND           | 1.96 | 98.0       | 2.00          | 2.77  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 09/30/2023 | ND           | 5.84 | 97.3       | 6.00          | 2.85  |           |
| Total BTEX                           | <0.300 | 0.300           | 09/30/2023 | 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                             | 3320   | 16.0            | 10/02/2023 | 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            | 09/29/2023 | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 09/29/2023 | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 88.8   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 96.4   | % 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 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:
 09/28/2023
 Sampling Date:
 09/28/2023

 Reported:
 10/04/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 4 (0-6") (H235319-16)

| 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           | 09/30/2023 | ND           | 1.87 | 93.4       | 2.00          | 3.32  |           |
| Toluene*                             | <0.050 | 0.050           | 09/30/2023 | ND           | 1.88 | 94.1       | 2.00          | 2.75  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 09/30/2023 | ND           | 1.96 | 98.0       | 2.00          | 2.77  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 09/30/2023 | ND           | 5.84 | 97.3       | 6.00          | 2.85  |           |
| Total BTEX                           | <0.300 | 0.300           | 09/30/2023 | 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                             | 304    | 16.0            | 10/02/2023 | 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            | 09/29/2023 | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | 18.8   | 10.0            | 09/29/2023 | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 88.5   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 94.3   | % 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



# Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 4 (1-1.5') (H235319-17)

| 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           | 09/30/2023 | ND           | 1.87 | 93.4       | 2.00          | 3.32  |           |
| Toluene*                             | <0.050 | 0.050           | 09/30/2023 | ND           | 1.88 | 94.1       | 2.00          | 2.75  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 09/30/2023 | ND           | 1.96 | 98.0       | 2.00          | 2.77  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 09/30/2023 | ND           | 5.84 | 97.3       | 6.00          | 2.85  |           |
| Total BTEX                           | <0.300 | 0.300           | 09/30/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 111 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                             | 1230   | 16.0            | 10/02/2023 | 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            | 09/29/2023 | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 09/29/2023 | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 89.0   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 94.3   | % 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



Dionica Hinojos

#### Analytical Results For:

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

Fax To:

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil THISTLE UNIT #46 Cool & Intact

Project Name: Sampling Condition: Sample Received By: Project Number: 237481

Project Location: DEVON - LEA CO., NM

### Sample ID: V - 4 (2-2.5') (H235319-18)

| 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           | 09/30/2023      | ND           | 1.87 | 93.4       | 2.00          | 3.32  |           |
| Toluene*                             | <0.050 | 0.050           | 09/30/2023      | ND           | 1.88 | 94.1       | 2.00          | 2.75  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 09/30/2023      | ND           | 1.96 | 98.0       | 2.00          | 2.77  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 09/30/2023      | ND           | 5.84 | 97.3       | 6.00          | 2.85  |           |
| Total BTEX                           | <0.300 | 0.300           | 09/30/2023      | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112 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                             | 1840   | 16.0            | 10/02/2023      | 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            | 09/29/2023      | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 86.8   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 91.7   | % 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: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Analyzed By: 1H /

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 4 (3-3.5') (H235319-19)

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           | 09/30/2023 | ND           | 1.87 | 93.4       | 2.00          | 3.32  |           |
| Toluene*                             | <0.050 | 0.050           | 09/30/2023 | ND           | 1.88 | 94.1       | 2.00          | 2.75  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 09/30/2023 | ND           | 1.96 | 98.0       | 2.00          | 2.77  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 09/30/2023 | ND           | 5.84 | 97.3       | 6.00          | 2.85  |           |
| Total BTEX                           | <0.300 | 0.300           | 09/30/2023 | 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                             | 1060   | 16.0            | 10/02/2023 | 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            | 09/29/2023 | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 09/29/2023 | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 89.9   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 95.6   | % 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kreine



#### Analytical Results For:

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

Fax To:

Received: 09/28/2023 Sampling Date: 09/28/2023 Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: Sample Received By: Dionica Hinojos 237481

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 4 (4-4.5') (H235319-20)

| 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           | 09/30/2023 | ND           | 1.87 | 93.4       | 2.00          | 3.32  |           |
| Toluene*                             | <0.050 | 0.050           | 09/30/2023 | ND           | 1.88 | 94.1       | 2.00          | 2.75  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 09/30/2023 | ND           | 1.96 | 98.0       | 2.00          | 2.77  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 09/30/2023 | ND           | 5.84 | 97.3       | 6.00          | 2.85  |           |
| Total BTEX                           | <0.300 | 0.300           | 09/30/2023 | ND           |      |            |               |       |           |
| Surrogate: 4-Bromofluorobenzene (PID | 110 9  | % 71.5-13       | 4          |              |      |            |               |       |           |
| Chloride, SM4500Cl-B                 | mg,    | 'kg             | Analyze    | d By: AC     |      |            |               |       |           |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Chloride                             | 1550   | 16.0            | 10/02/2023 | 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            | 09/29/2023 | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 09/29/2023 | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 86.3   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 90.5   | % 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



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

#### Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023 Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 5 (0-6") (H235319-21)

| BTEX 8021B                           | mg/    | /kg             | Analyze    | d By: JH/    |      |            |               |       | S-04      |
|--------------------------------------|--------|-----------------|------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 09/30/2023 | ND           | 1.87 | 93.4       | 2.00          | 3.32  |           |
| Toluene*                             | 1.31   | 0.050           | 09/30/2023 | ND           | 1.88 | 94.1       | 2.00          | 2.75  |           |
| Ethylbenzene*                        | 3.27   | 0.050           | 09/30/2023 | ND           | 1.96 | 98.0       | 2.00          | 2.77  |           |
| Total Xylenes*                       | 16.7   | 0.150           | 09/30/2023 | ND           | 5.84 | 97.3       | 6.00          | 2.85  | GC-NC1    |
| Total BTEX                           | 21.3   | 0.300           | 09/30/2023 | ND           |      |            |               |       | GC-NC1    |
| Surrogate: 4-Bromofluorobenzene (PID | 179 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                             | 2120   | 16.0            | 10/02/2023 | ND           | 432  | 108        | 400           | 0.00  |           |
| TPH 8015M                            | mg/    | /kg             | Analyze    | d By: MS     |      |            |               |       | S-04      |
| Analyte                              | Result | Reporting Limit | Analyzed   | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| GRO C6-C10*                          | 452    | 10.0            | 09/29/2023 | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | 4740   | 10.0            | 09/29/2023 | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | 801    | 10.0            | 09/29/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 142 9  | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 231    | % 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. Keine



#### Analytical Results For:

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

Fax To:

Received: 09/28/2023 Sampling Date: 09/28/2023 Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 5 (1-1.5') (H235319-22)

| BTEX 8021B                           | mg,    | /kg             | Analyze         | d By: JH/    |      |            |               |       |           |
|--------------------------------------|--------|-----------------|-----------------|--------------|------|------------|---------------|-------|-----------|
| Analyte                              | Result | Reporting Limit | Analyzed        | Method Blank | BS   | % Recovery | True Value QC | RPD   | Qualifier |
| Benzene*                             | <0.050 | 0.050           | 09/30/2023      | ND           | 1.87 | 93.4       | 2.00          | 3.32  |           |
| Toluene*                             | <0.050 | 0.050           | 09/30/2023      | ND           | 1.88 | 94.1       | 2.00          | 2.75  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 09/30/2023      | ND           | 1.96 | 98.0       | 2.00          | 2.77  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 09/30/2023      | ND           | 5.84 | 97.3       | 6.00          | 2.85  |           |
| Total BTEX                           | <0.300 | 0.300           | 09/30/2023      | 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                             | 528    | 16.0            | 10/02/2023      | 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            | 09/29/2023      | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | 146    | 10.0            | 09/29/2023      | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | 22.2   | 10.0            | 09/29/2023      | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 90.8   | % 48.2-13       | 4               |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 101    | % 49.1-14       | 18              |              |      |            |               |       |           |

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. Keine



#### Analytical Results For:

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

 Received:
 09/28/2023
 Sampling Date:
 09/28/2023

 Reported:
 10/04/2023
 Sampling Type:
 Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact
Project Number: 237481 Sample Received By: Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 5 (2-2.5') (H235319-23)

| 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           | 09/30/2023 | ND           | 1.87 | 93.4       | 2.00          | 3.32  |           |
| Toluene*                             | <0.050 | 0.050           | 09/30/2023 | ND           | 1.88 | 94.1       | 2.00          | 2.75  |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 09/30/2023 | ND           | 1.96 | 98.0       | 2.00          | 2.77  |           |
| Total Xylenes*                       | <0.150 | 0.150           | 09/30/2023 | ND           | 5.84 | 97.3       | 6.00          | 2.85  |           |
| Total BTEX                           | <0.300 | 0.300           | 09/30/2023 | 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                             | 240    | 16.0            | 10/02/2023 | 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            | 09/29/2023 | ND           | 185  | 92.4       | 200           | 0.410 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 09/29/2023 | ND           | 189  | 94.7       | 200           | 2.17  |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 09/29/2023 | ND           |      |            |               |       |           |
| Surrogate: 1-Chlorooctane            | 87.1   | % 48.2-13       | 4          |              |      |            |               |       |           |
| Surrogate: 1-Chlorooctadecane        | 91.8   | % 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene



Dionica Hinojos

Sample Received By:

#### Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil
Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact

Project Number: 237481

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 5 (3-3.5') (H235319-24)

| 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           | 09/30/2023 | ND           | 1.87 | 93.4       | 2.00          | 3.32 |           |
| Toluene*                             | <0.050  | 0.050           | 09/30/2023 | ND           | 1.88 | 94.1       | 2.00          | 2.75 |           |
| Ethylbenzene*                        | < 0.050 | 0.050           | 09/30/2023 | ND           | 1.96 | 98.0       | 2.00          | 2.77 |           |
| Total Xylenes*                       | <0.150  | 0.150           | 09/30/2023 | ND           | 5.84 | 97.3       | 6.00          | 2.85 |           |
| Total BTEX                           | <0.300  | 0.300           | 09/30/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 112     | % 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                             | 400     | 16.0            | 10/02/2023 | 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            | 10/01/2023 | ND           | 188  | 94.1       | 200           | 3.30 |           |
| DRO >C10-C28*                        | <10.0   | 10.0            | 10/01/2023 | ND           | 188  | 94.0       | 200           | 6.16 |           |
| EXT DRO >C28-C36                     | <10.0   | 10.0            | 10/01/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 90.3    | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 95.4    | % 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 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 related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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

#### Analytical Results For:

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

Received: 09/28/2023 Sampling Date: 09/28/2023

Reported: 10/04/2023 Sampling Type: Soil

Project Name: THISTLE UNIT #46 Sampling Condition: Cool & Intact Sample Received By: Project Number: 237481 Dionica Hinojos

Project Location: DEVON - LEA CO., NM

#### Sample ID: V - 5 (4-4.5') (H235319-25)

| 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           | 10/02/2023 | ND           | 2.01 | 101        | 2.00          | 1.37 |           |
| Toluene*                             | <0.050 | 0.050           | 10/02/2023 | ND           | 2.16 | 108        | 2.00          | 2.98 |           |
| Ethylbenzene*                        | <0.050 | 0.050           | 10/02/2023 | ND           | 2.17 | 108        | 2.00          | 1.35 |           |
| Total Xylenes*                       | <0.150 | 0.150           | 10/02/2023 | ND           | 6.54 | 109        | 6.00          | 1.11 |           |
| Total BTEX                           | <0.300 | 0.300           | 10/02/2023 | ND           |      |            |               |      |           |
| Surrogate: 4-Bromofluorobenzene (PID | 117 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                             | 256    | 16.0            | 10/02/2023 | 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            | 10/01/2023 | ND           | 188  | 94.1       | 200           | 3.30 |           |
| DRO >C10-C28*                        | <10.0  | 10.0            | 10/01/2023 | ND           | 188  | 94.0       | 200           | 6.16 |           |
| EXT DRO >C28-C36                     | <10.0  | 10.0            | 10/01/2023 | ND           |      |            |               |      |           |
| Surrogate: 1-Chlorooctane            | 87.4   | % 48.2-13       | 4          |              |      |            |               |      |           |
| Surrogate: 1-Chlorooctadecane        | 93.4   | % 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.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

#### **Notes and Definitions**

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. 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 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with GC-NC1 interfering compounds. ND Analyte NOT DETECTED at or above the reporting limit **RPD** Relative Percent Difference Samples not received at proper temperature of 6°C or below. Insufficient time to reach temperature. Chloride by SM4500Cl-B does not require samples be received at or below 6°C

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

Cardinal Laboratories \*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause 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.

Celeg D. Freene

Celey D. Keene, Lab Director/Quality Manager

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

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST Popul //3

| ompany Name:   |  | 1  |  |                                     |   |
|--|--|--|--|-------------------------------------|---|
| NIGHT  | 10   | BILL TO  | -  | ANALYSIS REQUEST                    |   |
| 2  | P.O.   | #11 ++ 30  |  |                                     |   |
| iddress: 109 W MU  |  | Company: Dewon   |  |                                     | _ |
| ity: Coulsbad  | State: MY Zip: 86/20 Attn:   | Dell Woods   | N  |                                     |   |
| 0  | Fax #: Address:  | ess:   |  | _                                   | _ |
| roject #: 12 + 18/   | Project Owner: How City:   |  | _  |                                     | _ |
| roject Name: Mistu Uni   | † ±096 State:  | z: Zip:  | Z  |                                     |   |
| Project Location: Lea 6  | Phone #  | ne #:  | D  |                                     |   |
| iampler Name: / )midny 1   | Record Fax #:  | #  | 7  |                                     |   |
| FOR LAB USE ONLY   | MATRIX   | PRESERV. SAMPLING  | X  |                                     |   |
| Lab I.D. Sample I.D.   | (G)RAB OR (C)OME # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE:   | ICE / COOL OTHER:  | B7E<br>TPH<br>CHLOR  |                                     |   |
| 1400-<br>(2)<br>(1)  | X  | × 9/18/13  | X  |                                     |   |
| 20016  | 1-1.52   |  |  |                                     |   |
| LASE NOTE: Liability and Damages. Cardinal's liability and client's exclusively early client's exclusively early client's exclusively early client's exclusively early client in one event shall Cardinal be liable for incidental or consequental dam reliated for the parts. "Pro- of services."   | EASE NOTE: Lability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the alyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable rivce. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits nounted by client, its subsidiaries, lititates or successors arising out of or related to the parts. "wro-or is services hereunder by Cardinal regardless of whether such claims is based inton a row of the above at stack." | all be limited to the amount paid by the client for the by Cardinate within 30 days after completion of the a by Cardinate within 30 days liter completion of the a control profile incurred by client, its subsidiaries, or loss of profile incurred by client, its subsidiaries, and the above that the subsidiaries are the subsidiaries of the above that the subsidiaries are the subsidiaries of the above the subsidiaries and the subsidiaries are subsidiaries. | ent for the ent of the applicable backlaries,  |                                     |   |
|  | Time: 15:00 Date: Received By:   |  | Verhal Result: ☐ Yes ☐ No Add'i Phone #:<br>All Results are emailed. Please provide Email address:<br>REMARKS: | Add'l Phone #:<br>de Email address: |   |
|  | Time:  |  |  |                                     |   |
|  | Observed Temp. °C 4.0° C Sample Condition Cool Intact  | CHECKED BY: Turnary  | Turnaround Time: Standard  | Bacteria (only) Sample Condition    |   |
| Constant State Constant Consta | Corrected Temp. °C Yes 4 Yes   |  | Thermometer ID #140<br>Correction Factor 0°C   |                                     |   |

| 101 East<br>(575) 3   | CAI   |
|---|-------|
| 1 East Marland, Hobbs, NM 88240<br>575) 393-2326 FAX (575) 393-2476 | o, at |
| lobbs, NM<br>X (575) 393  | torie |
| 88240<br>3-2476   | S     |

|   | CHAIN-OF |
|---|----------|
|   | -CUSTODY |
| ) | AND      |
|   | ANALY    |
|   | SIS      |
|   | REQU     |
|   | EST      |

| Project Name: (\( \) (\( \) \) \( \) | P.O. #: 21 77750  Company: Dewon  Attn:  Address:  City:  State: Zip:  | ANALYSIS REQUEST   |
|--|--|--|
| mistle Unit  | #  | DE   |
| )OMP.  | MATRIX PRESERV. SAMPLING   | 1<br>ORÎ   |
| Lab I.D. Sample I.D.    13   13   13   15   15   15   15   15  | WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: X ICE / COOL OTHER: DATE TIME   | X TPHY<br>X CHLC   |
| A - 4 S  | nother based in contract or tort, shall be limited to the amount paid by the client for the itess made in writing and received by Cardinal within 30 days after completion of the appl business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries. | kable  |
| Relinquished By:  Date: 9/28/43  Time: 157:00  Received By:  Time:   | The pack coming above stated to  | All Results ☐ Yes ☐ No Add'I Phone #: All Results are emailed. Please provide Email address: REMARKS:                      |
| Delivered By: (Circle One)  Observed Temp. °C  Cool Intact  Cool Intact  Sampler - UPS - Bus - Other:  Corrected Temp. °C  No No No Correction Factor 0°C  Correction Factor 0°C  Correction Factor 0°C  Correction Factor 0°C   | Sample Condition CHECKED BY: Turnaround Time:  Cool intact (Initials)  Yes Yes Yes (Initials)  Thermometer ID #140  Correction Factor 0°C  | me: Standard Bacteria (only) Sample Condition  Rush Cool Intact Observed Temp. °C  #140 Yes Yes Yes  No Corrected Temp. °C |

Relinquished By

Time: 15:00

Received By

REMARKS:

Date:

Received By:

All Results are emailed. Please provide Email address:

Verhal Result:

□ Yes

O No

Add'l Phone #:

Sampler - UPS - Bus - Other: Delivered By: (Circle One)

Observed Temp. °C 4,00 Corrected Temp. °C

Sample Condition
Cool Intact
Yes 11 Yes
No 11 No

CHECKED BY:

Turnaround Time: Thermometer ID #140 Correction Factor 0°C

Standard

中

Bacteria (only) Sample Condition
Cool Intact Observed Temp
Yes Yes
No No Corrected Temp

Observed Temp. °C Corrected Temp. °C

Time: Date: Relinquished By:

# Com

101 East Marland, Hobbs, NM 88240

| TOD! A | TODI AND ANALISI |
|--------|------------------|
|        | IU ANALION       |

|                            | (5/5) 393-2326 FAX (5/5) 393-24/6 |                |                   |
|----------------------------|-----------------------------------|----------------|-------------------|
| Company Name:              | NTO Environmenta                  | BILL TO        | ANALYSIS REQUEST  |
| Project Manager:           |                                   | P.O.#2//77750  |                   |
| Address:                   |                                   | Company: Deway |                   |
| City:                      | State: Zip:                       | Attn:          |                   |
| Phone #:                   | Fax #:                            | Address:       |                   |
| Project #:                 |                                   | City:          | 2                 |
| Project Name: \ \ \\ Stl & | histia Duit HOUS                  | State: Zip:    |                   |
| Project Location:          |                                   | Phone #:       | 7                 |
| Sampler Name:              |                                   | Fax #:         | 7                 |
| FOR LAB USE ONLY  Lab I.D. | Sample I.D.                       | ASE: Z         | TEX<br>Py<br>1LOK |
| H235319                    |                                   | GRO            | - x G             |
| 200                        | (2-35)                            |                |                   |
|                            |                                   |                |                   |
|                            |                                   |                |                   |

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: Thistle Unit #46H

Work Order: E311096

Job Number: 21106-0001

Received: 11/13/2023

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 11/14/23

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: 11/14/23

Ethan Sessums 911 Regional Park Dr. Houston, TX 77060

Project Name: Thistle Unit #46H

Workorder: E311096

Date Received: 11/13/2023 7:00:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 11/13/2023 7:00:00AM, under the Project Name: Thistle Unit #46H.

The analytical test results summarized in this report with the Project Name: Thistle Unit #46H 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

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

**Alexa Michaels** 

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area

Lynn Jarboe

Laboratory Technical Representative Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

Michelle Golzales

Client Representative
Office: 505-421-LABS(5227)

Cell: 505-947-8222

mgonzales@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

# **Table of Contents**

| Title Page  | 1  |
|---|----|
| Cover Page  | 2  |
| Table of Contents                                   | 3  |
| Sample Summary                                      | 4  |
| Sample Data   | 5  |
| V-1 5-5.5'  | 5  |
| V-1 6-6.5'  | 6  |
| V-1 7-7.5'  | 7  |
| V-1 8-8.5'  | 8  |
| QC Summary Data                                     | 9  |
| QC - Volatile Organics by EPA 8021B                 | 9  |
| QC - Nonhalogenated Organics by EPA 8015D - GRO     | 10 |
| QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO | 11 |
| QC - Anions by EPA 300.0/9056A                      | 12 |
| Definitions and Notes                               | 13 |
| Chain of Custody etc.                               | 14 |

#### **Sample Summary**

| Γ | NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H | D and all      |
|---|-----------------------------------|------------------|-------------------|----------------|
| l | 911 Regional Park Dr.             | Project Number:  | 21106-0001        | Reported:      |
| l | Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 11/14/23 14:40 |

| Client Sample ID | Lab Sample ID Matrix | Sampled  | Received | Container        |
|------------------|----------------------|----------|----------|------------------|
| V-1 5-5.5'       | E311096-01A Soil     | 11/10/23 | 11/13/23 | Glass Jar, 2 oz. |
| V-1 6-6.5'       | E311096-02A Soil     | 11/10/23 | 11/13/23 | Glass Jar, 2 oz. |
| V-1 7-7.5'       | E311096-03A Soil     | 11/10/23 | 11/13/23 | Glass Jar, 2 oz. |
| V-1 8-8.5'       | E311096-04A Soil     | 11/10/23 | 11/13/23 | Glass Jar, 2 oz. |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                      |
|-----------------------------------|------------------|-------------------|----------------------|
| 911 Regional Park Dr.             | Project Number:  | 21106-0001        | Reported:            |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 11/14/2023 2:40:00PM |

#### V-1 5-5.5' E311096-01

|        | E511070-01                                      |   |   |  |   |
|--------|---|---|---|--|---|
| Result | Reporting<br>Limit                              | Dilution  | Prepared  | Analyzed   | Notes   |
| mg/kg  | mg/kg   | Analy   | st: RKS   |  | Batch: 2346008  |
| ND     | 0.0250  | 1   | 11/13/23  | 11/14/23   |   |
| ND     | 0.0250  | 1   | 11/13/23  | 11/14/23   |   |
| ND     | 0.0250  | 1   | 11/13/23  | 11/14/23   |   |
| ND     | 0.0250  | 1   | 11/13/23  | 11/14/23   |   |
| ND     | 0.0500  | 1   | 11/13/23  | 11/14/23   |   |
| ND     | 0.0250  | 1   | 11/13/23  | 11/14/23   |   |
|        | 93.5 %  | 70-130  | 11/13/23  | 11/14/23   |   |
| mg/kg  | mg/kg   | Analy   | st: RKS   |  | Batch: 2346008  |
| ND     | 20.0  | 1   | 11/13/23  | 11/14/23   |   |
|        | 92.7 %  | 70-130  | 11/13/23  | 11/14/23   |   |
| mg/kg  | mg/kg   | Analy   | st: KM  |  | Batch: 2346014  |
| ND     | 25.0  | 1   | 11/13/23  | 11/14/23   |   |
| ND     | 50.0  | 1   | 11/13/23  | 11/14/23   |   |
|        | 107 %   | 50-200  | 11/13/23  | 11/14/23   |   |
| mg/kg  | mg/kg   | Analy   | st: BA  |  | Batch: 2346010  |
| ND     | 20.0  | 1   | 11/13/23  | 11/13/23   |   |
|        | 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           93.5 %         mg/kg           Mg/kg         mg/kg           ND         20.0           92.7 %         mg/kg           ND         25.0           ND         50.0           107 %         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           MD         20.0250         1           Mg/kg         mg/kg         Analy           ND         20.0         1           Mg/kg         mg/kg         Analy           ND         25.0         1           ND         50.0         1           107 %         50-200           mg/kg         Mg/kg         Analy | Reporting           Result         Limit         Dilution         Prepared           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/13/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         11/13/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         11/13/23           ND         50.0         1         11/13/23           ND         50.0         1         11/13/23           ND         50.0         1         11/13/23           ND         50.0         1         11/13/23           mg/kg         mg/kg         Analyst: BA | Reporting           Result         Limit         Dilution         Prepared         Analyzed           mg/kg         mg/kg         Analyst: RKS           ND         0.0250         1         11/13/23         11/14/23           ND         0.0250         1         11/13/23         11/14/23           ND         0.0250         1         11/13/23         11/14/23           ND         0.0500         1         11/13/23         11/14/23           ND         0.0250         1         11/13/23         11/14/23           ND         0.0250         1         11/13/23         11/14/23           mg/kg         mg/kg         Analyst: RKS           ND         20.0         1         11/13/23         11/14/23           mg/kg         mg/kg         Analyst: KM           ND         25.0         1         11/13/23         11/14/23           ND         25.0         1         11/13/23         11/14/23           ND         50.0         1         11/13/23         11/14/23           ND         50.0         1         11/13/23         11/14/23           ng/kg         mg/kg         Analyst: BA |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                      |
|-----------------------------------|------------------|-------------------|----------------------|
| 911 Regional Park Dr.             | Project Number:  | 21106-0001        | Reported:            |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 11/14/2023 2:40:00PM |

#### V-1 6-6.5'

|  |                          | E311096-02 |          |                |          |                |
|--|--------------------------|------------|----------|----------------|----------|----------------|
|  |                          | Reporting  |          |                |          |                |
| Analyte  | Result                   | Limit      | Dilution | n Prepared     | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg mg/kg Analyst: RKS |            |          | Batch: 2346008 |          |                |
| Benzene  | ND                       | 0.0250     | 1        | 11/13/23       | 11/14/23 |                |
| Ethylbenzene                                   | ND                       | 0.0250     | 1        | 11/13/23       | 11/14/23 |                |
| Toluene  | ND                       | 0.0250     | 1        | 11/13/23       | 11/14/23 |                |
| o-Xylene                                       | ND                       | 0.0250     | 1        | 11/13/23       | 11/14/23 |                |
| p,m-Xylene                                     | ND                       | 0.0500     | 1        | 11/13/23       | 11/14/23 |                |
| Total Xylenes                                  | ND                       | 0.0250     | 1        | 11/13/23       | 11/14/23 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |                          | 93.4 %     | 70-130   | 11/13/23       | 11/14/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg                    | mg/kg      | Ana      | alyst: RKS     |          | Batch: 2346008 |
| Gasoline Range Organics (C6-C10)               | ND                       | 20.0       | 1        | 11/13/23       | 11/14/23 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |                          | 92.5 %     | 70-130   | 11/13/23       | 11/14/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg                    | mg/kg      | Ana      | alyst: KM      |          | Batch: 2346014 |
| Diesel Range Organics (C10-C28)                | ND                       | 25.0       | 1        | 11/13/23       | 11/14/23 |                |
| Oil Range Organics (C28-C36)                   | ND                       | 50.0       | 1        | 11/13/23       | 11/14/23 |                |
| Surrogate: n-Nonane                            |                          | 105 %      | 50-200   | 11/13/23       | 11/14/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg                    | mg/kg      | Ana      | alyst: BA      |          | Batch: 2346010 |
| Chloride                                       | ND                       | 20.0       | 1        | 11/13/23       | 11/13/23 |                |



| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                      |
|-----------------------------------|------------------|-------------------|----------------------|
| 911 Regional Park Dr.             | Project Number:  | 21106-0001        | Reported:            |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 11/14/2023 2:40:00PM |

#### V-1 7-7.5'

#### E311096-03

|  |        | Reporting |          |            |          |                |
|--|--------|-----------|----------|------------|----------|----------------|
| Analyte  | Result | Limit     | Dilution | Prepared   | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | llyst: RKS |          | Batch: 2346008 |
| Benzene  | ND     | 0.0250    | 1        | 11/13/23   | 11/14/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 11/13/23   | 11/14/23 |                |
| Toluene  | ND     | 0.0250    | 1        | 11/13/23   | 11/14/23 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 11/13/23   | 11/14/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 11/13/23   | 11/14/23 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 11/13/23   | 11/14/23 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 93.2 %    | 70-130   | 11/13/23   | 11/14/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | ılyst: RKS |          | Batch: 2346008 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 11/13/23   | 11/14/23 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 93.1 %    | 70-130   | 11/13/23   | 11/14/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | ılyst: KM  |          | Batch: 2346014 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1        | 11/13/23   | 11/14/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1        | 11/13/23   | 11/14/23 |                |
| Surrogate: n-Nonane                            |        | 99.9 %    | 50-200   | 11/13/23   | 11/14/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | ılyst: BA  |          | Batch: 2346010 |
| Chloride                                       | ND     | 20.0      | 1        | 11/13/23   | 11/13/23 |                |
|  |        |           |          |            |          |                |

| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H |                      |
|-----------------------------------|------------------|-------------------|----------------------|
| 911 Regional Park Dr.             | Project Number:  | 21106-0001        | Reported:            |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 11/14/2023 2:40:00PM |

#### V-1 8-8.5'

#### E311096-04

|  |        | Reporting |          |           |          |                |
|--|--------|-----------|----------|-----------|----------|----------------|
| Analyte  | Result | Limit     | Dilution | Prepared  | Analyzed | Notes          |
| Volatile Organics by EPA 8021B                 | mg/kg  | mg/kg     | Ana      | lyst: RKS |          | Batch: 2346008 |
| Benzene  | ND     | 0.0250    | 1        | 11/13/23  | 11/14/23 |                |
| Ethylbenzene                                   | ND     | 0.0250    | 1        | 11/13/23  | 11/14/23 |                |
| Toluene  | ND     | 0.0250    | 1        | 11/13/23  | 11/14/23 |                |
| o-Xylene                                       | ND     | 0.0250    | 1        | 11/13/23  | 11/14/23 |                |
| p,m-Xylene                                     | ND     | 0.0500    | 1        | 11/13/23  | 11/14/23 |                |
| Total Xylenes                                  | ND     | 0.0250    | 1        | 11/13/23  | 11/14/23 |                |
| Surrogate: 4-Bromochlorobenzene-PID            |        | 93.7 %    | 70-130   | 11/13/23  | 11/14/23 |                |
| Nonhalogenated Organics by EPA 8015D - GRO     | mg/kg  | mg/kg     | Ana      | lyst: RKS |          | Batch: 2346008 |
| Gasoline Range Organics (C6-C10)               | ND     | 20.0      | 1        | 11/13/23  | 11/14/23 |                |
| Surrogate: 1-Chloro-4-fluorobenzene-FID        |        | 92.6 %    | 70-130   | 11/13/23  | 11/14/23 |                |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg  | mg/kg     | Ana      | lyst: KM  |          | Batch: 2346014 |
| Diesel Range Organics (C10-C28)                | ND     | 25.0      | 1        | 11/13/23  | 11/14/23 |                |
| Oil Range Organics (C28-C36)                   | ND     | 50.0      | 1        | 11/13/23  | 11/14/23 |                |
| Surrogate: n-Nonane                            |        | 104 %     | 50-200   | 11/13/23  | 11/14/23 |                |
| Anions by EPA 300.0/9056A                      | mg/kg  | mg/kg     | Ana      | lyst: BA  |          | Batch: 2346010 |
| Chloride                                       | ND     | 20.0      | 1        | 11/13/23  | 11/13/23 |                |
|  |        |           |          |           |          |                |



|                                     |                                | QC SI              | umma           | ary Dat          | a        |               |             |              |                      |  |
|-------------------------------------|--------------------------------|--------------------|----------------|------------------|----------|---------------|-------------|--------------|----------------------|--|
| NTG-New Tech Global Environmental   |                                | Project Name:      |                | histle Unit #4   | 6Н       |               |             |              | Reported:            |  |
| 911 Regional Park Dr.               |                                | Project Number:    |                | 1106-0001        |          |               |             |              |                      |  |
| Houston TX, 77060                   |                                | Project Manager:   | E              | than Sessums     |          |               |             |              | 11/14/2023 2:40:00PM |  |
|                                     | Volatile Organics by EPA 8021B |                    |                |                  |          |               |             | Analyst: RKS |                      |  |
| Analyte                             | Result                         | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec      | Rec<br>Limits | RPD         | RPD<br>Limit |                      |  |
|                                     | mg/kg                          | mg/kg              | mg/kg          | mg/kg            | %        | %             | %           | %            | Notes                |  |
| Blank (2346008-BLK1)                |                                |                    |                |                  |          |               | Prepared: 1 | 1/13/23 A    | analyzed: 11/13/23   |  |
| Benzene                             | ND                             | 0.0250             |                |                  |          |               | 1           |              | -                    |  |
| 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 | 7.72                           | ******             | 8.00           |                  | 96.4     | 70-130        |             |              |                      |  |
| LCS (2346008-BS1)                   |                                |                    |                |                  |          |               | Prepared: 1 | 1/13/23 A    | analyzed: 11/13/23   |  |
| Benzene                             | 4.93                           | 0.0250             | 5.00           |                  | 98.6     | 70-130        |             |              |                      |  |
| Ethylbenzene                        | 4.72                           | 0.0250             | 5.00           |                  | 94.4     | 70-130        |             |              |                      |  |
| Toluene                             | 4.92                           | 0.0250             | 5.00           |                  | 98.4     | 70-130        |             |              |                      |  |
| o-Xylene                            | 4.83                           | 0.0250             | 5.00           |                  | 96.6     | 70-130        |             |              |                      |  |
| p,m-Xylene                          | 9.75                           | 0.0500             | 10.0           |                  | 97.5     | 70-130        |             |              |                      |  |
| Total Xylenes                       | 14.6                           | 0.0250             | 15.0           |                  | 97.2     | 70-130        |             |              |                      |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.67                           |                    | 8.00           |                  | 95.9     | 70-130        |             |              |                      |  |
| Matrix Spike (2346008-MS1)          |                                |                    |                | Source:          | E311076- | 22            | Prepared: 1 | 1/13/23 A    | analyzed: 11/14/23   |  |
| Benzene                             | 4.98                           | 0.0250             | 5.00           | ND               | 99.5     | 54-133        |             |              |                      |  |
| Ethylbenzene                        | 4.76                           | 0.0250             | 5.00           | ND               | 95.1     | 61-133        |             |              |                      |  |
| Toluene                             | 4.96                           | 0.0250             | 5.00           | ND               | 99.2     | 61-130        |             |              |                      |  |
| o-Xylene                            | 4.86                           | 0.0250             | 5.00           | ND               | 97.2     | 63-131        |             |              |                      |  |
| p,m-Xylene                          | 9.81                           | 0.0500             | 10.0           | ND               | 98.1     | 63-131        |             |              |                      |  |
| Total Xylenes                       | 14.7                           | 0.0250             | 15.0           | ND               | 97.8     | 63-131        |             |              |                      |  |
| Surrogate: 4-Bromochlorobenzene-PID | 7.59                           |                    | 8.00           |                  | 94.8     | 70-130        |             |              |                      |  |
| Matrix Spike Dup (2346008-MSD1)     |                                |                    |                | Source:          | E311076- | 22            | Prepared: 1 | 1/13/23 A    | analyzed: 11/14/23   |  |
| Benzene                             | 4.93                           | 0.0250             | 5.00           | ND               | 98.6     | 54-133        | 0.871       | 20           |                      |  |
| Ethylbenzene                        | 4.72                           | 0.0250             | 5.00           | ND               | 94.3     | 61-133        | 0.870       | 20           |                      |  |
| Toluene                             | 4.92                           | 0.0250             | 5.00           | ND               | 98.5     | 61-130        | 0.770       | 20           |                      |  |
| o-Xylene                            | 4.82                           | 0.0250             | 5.00           | ND               | 96.5     | 63-131        | 0.731       | 20           |                      |  |
| p,m-Xylene                          | 9.74                           | 0.0500             | 10.0           | ND               | 97.4     | 63-131        | 0.730       | 20           |                      |  |



20

0.731

14.6

7.60

0.0250

15.0

8.00

ND

97.1

63-131

70-130

Total Xylenes

Surrogate: 4-Bromochlorobenzene-PID

| NTG-New Tech Global Environmental<br>911 Regional Park Dr. | Project Name: Project Number: | Thistle Unit #46H<br>21106-0001 | Reported:            |
|--|-------------------------------|---------------------------------|----------------------|
| Houston TX, 77060  | Project Manager:              | Ethan Sessums                   | 11/14/2023 2:40:00PM |

| Houston TX, 77060                       |  | Project Manage     |                | han Sessums      |           |               |           |              | 11/14/2023 2:40:00P |
|---|--|--------------------|----------------|------------------|-----------|---------------|-----------|--------------|---------------------|
|   | Nonhalogenated Organics by EPA 8015D - GRO |                    |                |                  |           |               |           |              | Analyst: RKS        |
| Analyte                                 | Result                                     | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec       | Rec<br>Limits | RPD       | RPD<br>Limit | :                   |
|   | mg/kg                                      | mg/kg              | mg/kg          | mg/kg            | %         | %             | %         | %            | Notes               |
| Blank (2346008-BLK1)                    |  |                    |                |                  |           |               | Prepared: | 11/13/23     | Analyzed: 11/13/23  |
| Gasoline Range Organics (C6-C10)        | ND   | 20.0               |                |                  |           |               |           |              |                     |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.36                                       |                    | 8.00           |                  | 91.9      | 70-130        |           |              |                     |
| LCS (2346008-BS2)                       |  |                    |                |                  |           |               | Prepared: | 11/13/23     | Analyzed: 11/13/23  |
| Gasoline Range Organics (C6-C10)        | 41.4                                       | 20.0               | 50.0           |                  | 82.9      | 70-130        |           |              |                     |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.42                                       |                    | 8.00           |                  | 92.8      | 70-130        |           |              |                     |
| Matrix Spike (2346008-MS2)              |  |                    |                | Source:          | E311076-2 | 22            | Prepared: | 11/13/23     | Analyzed: 11/14/23  |
| Gasoline Range Organics (C6-C10)        | 42.8                                       | 20.0               | 50.0           | ND               | 85.6      | 70-130        |           |              |                     |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.33                                       |                    | 8.00           |                  | 91.7      | 70-130        |           |              |                     |
| Matrix Spike Dup (2346008-MSD2)         |  |                    |                | Source:          | E311076-2 | 22            | Prepared: | 11/13/23     | Analyzed: 11/14/23  |
| Gasoline Range Organics (C6-C10)        | 43.6                                       | 20.0               | 50.0           | ND               | 87.2      | 70-130        | 1.92      | 20           |                     |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 7.51                                       |                    | 8.00           |                  | 93.8      | 70-130        |           |              |                     |

| NTG-New Tech Global Environmental | Project Name:    | Thistle Unit #46H | Reported:            |
|-----------------------------------|------------------|-------------------|----------------------|
| 911 Regional Park Dr.             | Project Number:  | 21106-0001        |                      |
| Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 11/14/2023 2:40:00PM |

| Houston TX, 77060               |  | Project Manage     | r: Et          | han Sessums      |           |               |             | 1            | 1/14/2023 2:40:00PM |  |
|---------------------------------|--|--------------------|----------------|------------------|-----------|---------------|-------------|--------------|---------------------|--|
|                                 | Nonhalogenated Organics by EPA 8015D - DRO/ORO |                    |                |                  |           |               |             | Analyst: KM  |                     |  |
| Analyte                         | Result   | Reporting<br>Limit | Spike<br>Level | Source<br>Result | Rec       | Rec<br>Limits | RPD         | RPD<br>Limit |                     |  |
|                                 | mg/kg  | mg/kg              | mg/kg          | mg/kg            | %         | %             | %           | %            | Notes               |  |
| Blank (2346014-BLK1)            |  |                    |                |                  |           |               | Prepared: 1 | 1/13/23 Ana  | alyzed: 11/14/23    |  |
| Diesel Range Organics (C10-C28) | ND   | 25.0               |                |                  |           |               |             |              |                     |  |
| Oil Range Organics (C28-C36)    | ND   | 50.0               |                |                  |           |               |             |              |                     |  |
| Surrogate: n-Nonane             | 51.6   |                    | 50.0           |                  | 103       | 50-200        |             |              |                     |  |
| LCS (2346014-BS1)               |  |                    |                |                  |           |               | Prepared: 1 | 1/13/23 Ana  | alyzed: 11/14/23    |  |
| Diesel Range Organics (C10-C28) | 254  | 25.0               | 250            |                  | 102       | 38-132        |             |              |                     |  |
| Surrogate: n-Nonane             | 53.6   |                    | 50.0           |                  | 107       | 50-200        |             |              |                     |  |
| Matrix Spike (2346014-MS1)      |  |                    |                | Source:          | E311096-0 | )2            | Prepared: 1 | 1/13/23 Ana  | alyzed: 11/14/23    |  |
| Diesel Range Organics (C10-C28) | 250  | 25.0               | 250            | ND               | 100       | 38-132        |             |              |                     |  |
| Surrogate: n-Nonane             | 53.4   |                    | 50.0           |                  | 107       | 50-200        |             |              |                     |  |
| Matrix Spike Dup (2346014-MSD1) |  |                    |                | Source:          | E311096-0 | )2            | Prepared: 1 | 1/13/23 Ana  | alyzed: 11/14/23    |  |
| Diesel Range Organics (C10-C28) | 253  | 25.0               | 250            | ND               | 101       | 38-132        | 1.25        | 20           |                     |  |
| Surrogate: n-Nonane             | 52.1   |                    | 50.0           |                  | 104       | 50-200        |             |              |                     |  |



| NTG-New Tech Global Environmental          |        | Project Name:                       |                | histle Unit #46           | Н         |               |             |              | Reported:            |
|--|--------|-------------------------------------|----------------|---------------------------|-----------|---------------|-------------|--------------|----------------------|
| 911 Regional Park Dr.<br>Houston TX, 77060 |        | Project Number:<br>Project Manager: |                | 1106-0001<br>than Sessums |           |               |             |              | 11/14/2023 2:40:00PM |
|  |        | Analyst: BA                         |                |                           |           |               |             |              |                      |
| Analyte                                    | Result | Reporting<br>Limit                  | Spike<br>Level | Source<br>Result          | Rec       | Rec<br>Limits | RPD         | RPD<br>Limit |                      |
|  | mg/kg  | mg/kg                               | mg/kg          | mg/kg                     | %         | %             | %           | %            | Notes                |
| Blank (2346010-BLK1)                       |        |                                     |                |                           |           |               | Prepared: 1 | 1/13/23      | Analyzed: 11/13/23   |
| Chloride                                   | ND     | 20.0                                |                |                           |           |               |             |              |                      |
| LCS (2346010-BS1)                          |        |                                     |                |                           |           |               | Prepared: 1 | 1/13/23      | Analyzed: 11/13/23   |
| Chloride                                   | 257    | 20.0                                | 250            |                           | 103       | 90-110        |             |              |                      |
| Matrix Spike (2346010-MS1)                 |        |                                     |                | Source:                   | E311096-( | )1            | Prepared: 1 | 1/13/23      | Analyzed: 11/14/23   |
| Chloride                                   | 252    | 20.0                                | 250            | ND                        | 101       | 80-120        |             |              |                      |
| Matrix Spike Dup (2346010-MSD1)            |        |                                     |                | Source: 1                 | E311096-( | )1            | Prepared: 1 | 1/13/23      | Analyzed: 11/14/23   |
| Chloride                                   | 252    | 20.0                                | 250            | ND                        | 101       | 80-120        | 0.155       | 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:    | Thistle Unit #46H |                |
|---|-----------------------------------|------------------|-------------------|----------------|
| - | 911 Regional Park Dr.             | Project Number:  | 21106-0001        | Reported:      |
|   | Houston TX, 77060                 | Project Manager: | Ethan Sessums     | 11/14/23 14:40 |

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

DNR Did not react with the addition of acid or base.

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>E311094</u>

|                          | Ethan Sessums Bill to: (if different) |              |                        |                |                 |               |               | Daie Woodall |                              |      |     |     |   |     | Page1 of1_ Work Order Comments |   |                                     |                     |  |                       |             |              |
|--------------------------|---------------------------------------|--------------|------------------------|----------------|-----------------|---------------|---------------|--------------|------------------------------|------|-----|-----|---|-----|--------------------------------|---|-------------------------------------|---------------------|--|-----------------------|-------------|--------------|
|                          | NTG Environmental                     |              |                        |                | Company         |               | Devon Energy  |              |                              |      |     | _   | Program: UST/PST PRP Brownfields RRC uperfund     |     |                                |   |                                     |                     |  |                       |             |              |
|                          | 209 W McKay St                        |              |                        |                |                 | Address:      |               |              |                              |      |     | _   | State of Project:                                 |     |                                |   |                                     |                     |  |                       |             |              |
| City, State ZIP:         | Carlsbad, NM 8                        | 88220        |                        |                | City, Star      | State ZIP:    |               |              |                              |      |     | _   | Reporting:Level II Level III PST/UST RRP Level IV |     |                                |   |                                     |                     |  |                       |             |              |
| Phone:                   | 432-701-2159                          |              |                        | Email:         | esessur         | ns@ntgl       | obal.con      | 1            |                              |      |     |     |   |     | Deliverat                      | oles: ED  | DЦ                                  | ADa                 | PT Other:  |                       |             |              |
| Project Name:            | Thist                                 | le Unit #46H |                        | Turr           | Around          |               |               |              | 1                            |      |     | ANA | LYSIS   | REQ | UEST                           |   |                                     |                     | Preservative (   | Codes                 |             |              |
| Project Number:          |                                       | 237481       |                        | Routine        | ✓ Rush          | 1             | Pres.<br>Code |              |                              |      |     |     |   |     |                                |   | None: NO DI Water: H <sub>2</sub> O |                     |  |                       |             |              |
| Project Location         | Ede                                   | dy Co, NM    |                        | Due Date:      | 48 F            | lours         |               | Joue         |                              |      | 100 |     |   | 1   |                                |   |                                     |                     | Cool: Cool MeOH: Me                                      |                       |             |              |
| Sampler's Name:          |                                       | n Sessums    |                        | TAT starts the | day receive     | ed by the     |               |              | RO)                          |      |     |     |   |     |                                |   |                                     | 1                   |  | HNO <sub>3</sub> : HN |             |              |
| PO #:                    | 2                                     | 1177730      |                        | lab, if rece   | eived by 4:30pm |               | ē.            |              | ≥<br>+                       |      |     |     |   |     |                                |   |                                     |                     | H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub> NaOH: Na |                       |             |              |
| SAMPLE RECEIF            | Tem                                   | p Blank:     | Yes No                 | Wet Ice:       | Yes             | No            | nete          | <u>a</u>     | TPH 8015M ( GRO + DRO + MRO) | 200  |     |     |   |     |                                |   |                                     |                     | H <sub>3</sub> PO <sub>4</sub> HP                        |                       |             |              |
| Received Intact:         | als: Yes No N/A Correction            |              | Yes No Thermometer ID: |                |                 |               | Parameters    | 802          | +                            | Je 4 | - 1 |     | 1 1   |     |                                |   |                                     | НОГР                | NaHSO <sub>4</sub> NABIS                                 |                       |             |              |
| Cooler Custody Seals     |                                       |              | n Factor:              |                |                 |               | BTEX 8021B    | (GR          | Chloride 4500                | - 1  |     |     | 1   |     | 오                              | Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> . NaSO <sub>3</sub> |                                     |                     |  |                       |             |              |
| Sample Custody Seals     |                                       |              | Tempera                | ture Reading:  |                 |               |               | 100          | 2 W                          | 5    |     |     |   |     |                                |   |                                     | Zn Acetate+NaOH: Zn |  |                       |             |              |
| Total Containers:        |                                       | 4            | Corrected              | Temperature:   |                 |               |               |              | 1801                         |      |     |     |   |     |                                |   |                                     |                     | NaOH+Ascorbic Acid                                       | SAPC                  |             |              |
| Sample<br>Identification | Depth (ft bgs)                        | Date         | Time                   | Soil           | Water           | Grab/<br>Comp | # of<br>Cont  |              |                              | TPH  | TPF |     |   |     |                                |   |                                     |                     |  |                       | Sample Comr | Lab<br>nents |
| V-1                      | 5-5.5'                                | 11/10/2023   |                        | Х              |                 | Grab          | 1             | Х            | Х                            | Х    |     |     |   |     |                                |   |                                     |                     |  | 1                     |             |              |
| V-1                      | 6-6.5'                                | 11/10/2023   |                        | Х              |                 | Grab          | 1             | Х            | X                            | Х    |     |     | 1   |     |                                |   |                                     |                     |  | 2                     |             |              |
| V-1                      | 7-7.5'                                | 11/10/2023   |                        | X              |                 | Grab          | 1             | Х            | X                            | Х    |     |     |   |     |                                |   |                                     |                     |  | 3                     |             |              |
| V-1                      | 8-8.5'                                | 11/10/2023   |                        | Х              |                 | Grab          | 1             | Х            | X                            | Х    |     |     |   |     |                                |   |                                     |                     |  | 4                     |             |              |
|                          |                                       |              |                        |                |                 |               |               |              |                              |      |     |     |   |     |                                |   |                                     |                     |  |                       |             |              |
|                          |                                       |              |                        |                |                 |               |               |              | 3                            |      |     | 3   |   |     |                                |   |                                     |                     |  |                       |             |              |
|                          |                                       |              |                        |                |                 |               |               |              | ì                            |      |     |     |   |     |                                |   |                                     |                     | +  |                       |             |              |
|                          |                                       |              |                        |                |                 |               |               |              |                              |      |     |     |   |     |                                |   |                                     |                     |  |                       |             |              |
| Additio                  | onal Comments                         | S:           |                        |                |                 |               |               |              |                              |      |     |     |   |     |                                |   |                                     |                     |  |                       |             |              |

Printed: 11/14/2023 2:36:33PM

#### **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:      | NTG-New Tech Global Environmental  | Date Received:    | 11/13/23 07 | 7:00             | Work Order ID:         | E311096         |
|--------------|--|-------------------|-------------|------------------|------------------------|-----------------|
| Phone:       | (281) 872-9300   | Date Logged In:   | 11/13/23 07 | 7:31             | Logged In By:          | Raina Schwanz   |
| Email:       | esessums@ntglobal.com  | Due Date:         | 11/14/23 13 | 7:00 (1 day TAT) |                        |                 |
| Chain of     | Custody (COC)  |                   |             |                  |                        |                 |
|              | Custody (COC)  |                   | V           |                  |                        |                 |
|              | ne sample ID match the COC? The number of samples per sampling site location mat   | ch the COC        | Yes         |                  |                        |                 |
|              | amples dropped off by client or carrier?   | ch the COC        | Yes         | a · .            | · ·                    |                 |
|              | e COC complete, i.e., signatures, dates/times, reques  | tad analyses?     | Yes<br>No   | Carrier: C       | <u>courier</u>         |                 |
|              | Il samples received within holding time?   | ated analyses:    | Yes         |                  |                        |                 |
|              | Note: Analysis, such as pH which should be conducted in i.e, 15 minute hold time, are not included in this disucssic   |                   | 165         | ı                | Comment                | s/Resolution    |
|              | COC in disease that TAT as Franchis LTATS  |                   | <b>V</b>    |                  | Time sampled not provi | ded on COC ner  |
|              | COC indicate standard TAT, or Expedited TAT?   |                   | Yes         |                  | client.                | aca on ese per  |
| Sample C     | <del></del>  |                   | <b>3</b> 7  |                  | chent.                 |                 |
|              | sample cooler received? was cooler received in good condition?   |                   | Yes         |                  |                        |                 |
| •            | <del>-</del>   |                   | Yes         |                  | SRC email not sent per | client request. |
|              | e 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,<br>Note: Thermal preservation is not required, if samples are<br>minutes of sampling<br>visible ice, record the temperature. Actual sample | e received w/i 15 | Yes         |                  |                        |                 |
| Sample C     | Container  | •                 | _           |                  |                        |                 |
|              | queous VOC samples present?  |                   | No          |                  |                        |                 |
|              | OC samples collected in VOA Vials?   |                   | NA          |                  |                        |                 |
|              | head space less than 6-8 mm (pea sized or less)?   |                   | NA          |                  |                        |                 |
| 17. Was a    | trip blank (TB) included for VOC analyses?   |                   | NA          |                  |                        |                 |
|              | on-VOC samples collected in the correct containers?  | ,                 | Yes         |                  |                        |                 |
| 19. Is the a | appropriate volume/weight or number of sample contain  | ers collected?    | Yes         |                  |                        |                 |
| Field Lab    | el   |                   |             |                  |                        |                 |
|              | —<br>field sample labels filled out with the minimum info  | rmation:          |             |                  |                        |                 |
| Sa           | ample ID?  |                   | Yes         |                  |                        |                 |
|              | ate/Time Collected?  |                   | Yes         | l                |                        |                 |
|              | ollectors name?  |                   | Yes         |                  |                        |                 |
|              | reservation  | 10                |             |                  |                        |                 |
|              | the COC or field labels indicate the samples were pr   | eserved?          | No          |                  |                        |                 |
|              | ample(s) correctly preserved?  | . 1.0             | NA          |                  |                        |                 |
|              | filteration required and/or requested for dissolved m  | ietals?           | No          |                  |                        |                 |
|              | se Sample Matrix   |                   |             |                  |                        |                 |
|              | the sample have more than one phase, i.e., multiphas   |                   | No          |                  |                        |                 |
| 27. If yes,  | does the COC specify which phase(s) is to be analy   | zed?              | NA          |                  |                        |                 |
| Subcontr     | act Laboratory   |                   |             |                  |                        |                 |
| 28. Are sa   | imples required to get sent to a subcontract laborator   | ry?               | No          |                  |                        |                 |
| 29. Was a    | subcontract laboratory specified by the client and if  | so who?           | NA          | Subcontract Lab  | : NA                   |                 |
| Client In    | <u>istruction</u>  |                   |             |                  |                        |                 |
| Client In    | <u>istruction</u>  |                   |             |                  |                        |                 |
|              |  |                   |             |                  |                        |                 |
|              |  |                   |             |                  |                        | 0               |

Date

Signature of client authorizing changes to the COC or sample disposition.

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

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

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

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

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

CONDITIONS

Action 286429

#### **CONDITIONS**

| Operator:                           | OGRID:                                    |
|-------------------------------------|---|
| DEVON ENERGY PRODUCTION COMPANY, LP | 6137                                      |
| 333 West Sheridan Ave.              | Action Number:                            |
| Oklahoma City, OK 73102             | 286429                                    |
|                                     | Action Type:                              |
|                                     | [C-141] Release Corrective Action (C-141) |

#### CONDITIONS

| Created By | Condition  | Condition<br>Date |
|------------|--|-------------------|
| scwells    | Area around tank battery represented by sample ID's SW-26 through SW-39, as well as V-1, V-3 and V-5 approved for deferral. Site will need to be remediated and then reclaimed at time of a major facility deconstruction or at plugging and abandonment, whichever comes first. | 2/19/2024         |