

Incident ID	nAPP2221429648
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 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 ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: Env. Professional  
 Signature: *Dale Woodall* Date: 1/18/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: Robert Hamlet Date: 5/16/2023

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: *Robert Hamlet* Date: 5/16/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Incident ID	nAPP2221429648
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## 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?	___55' (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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.*

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within ½-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
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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.

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 Signature: *Dale Woodall* Date: 1/18/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: Jocelyn Harimon Date: 01/18/2023

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## Remediation Plan

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

- Detailed description of proposed remediation technique
- Scaled sitemap with GPS coordinates showing delineation points
- Estimated volume of material to be remediated
- Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

**Deferral Requests Only:** Each of the following items must be 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.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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Printed Name: Dale Woodall Title: Env. Professional  
 Signature: Dale Woodall Date: 1/18/2023  
 email: dale.woodall@att.net Telephone: 575-748-1838

**OCD Only**

Received by: Jocelyn Harimon Date: 01/18/2023

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

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**OCD Only**

Received by: Jocelyn Harimon Date: 01/18/2023

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Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_



402 E. Wood Avenue  
Carlsbad, New Mexico 88220  
Tel. 432.701.2159  
www.ntgenvironmental.com

December 22, 2022

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

**Re: Closure Report**  
**Longview Federal 12 #015H**  
**Unit C, S12, T23S, R28E**  
**Site Coordinates: 32.325272, -104.42999**  
**Eddy County, New Mexico**  
**Incident ID: nAPP2221429648**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the Longview Federal 12 #015H (Site). The Site is located approximately 4.5 miles northeast of Loving, New Mexico in Eddy County (Figures 1 and 2).

### **Background**

Based on the initial C-141 (attached) obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 1, 2022. The release resulted from the wellhead releasing approximately 5.8 barrels (bbls) of produced water; 1 bbls were recovered. Upon discovery, the well was shut-in, and the area was secured. The release area is shown on Figure 3.

### **Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there is one known water sources within a ½ mile radius of the Site, and the site is located within a medium karst area. The nearest identified well is located approximately 86 feet southwest of the Site in Sec 12 T23S R28E. The well was drilled in 2020 and the reported depth to groundwater is 55 feet below ground surface (ft bgs). A copy of the site characterization information and the associated USGS summary report is attached.

### **Regulatory Criteria**

In accordance with the NMOCD regulatory criteria established in 19.15.29.12 NMAC, the following criteria are applicable to the Site.

- Benzene: 10 milligrams per kilogram (mg/kg).
- Benzene, toluene, ethylbenzene, and total xylenes (BTEX): 50 mg/kg.
- TPH (GRO + DRO + MRO): 1000 mg/kg.
- Chloride: 10000 mg/kg

Mr. Mike Bratcher  
December 22, 2022  
Page 2 of 3

### **Site Assessment**

On September 15, 2022, New Tech Global Environmental, LLC (NTGE) conducted site assessment activities to assess the extent of impacts at the Site. A total of four sample points (S-1 through S-4), as well as six horizontal sample points (H-1 through H-6) were installed within the release area to characterize the impacts. Soil samples were collected in .5ft depth intervals from depths ranging from 0 – 3.5 ft below ground surface (bgs) with a geotechnical hand auger. On October 11, 2022, a total of five test pits (TP-1 through TP-5) were installed to further delineate the extent of the release. Soil samples were collected in 1ft depth intervals from depths ranging from 1 – 10ft bgs. Sample locations from NTGE's assessment activities are shown on Figure 3. Analytical results from NTGE's assessment (attached), indicated that chloride concentrations within the release extent exceeded regulatory thresholds.

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

Devon proceeded with remedial action activities at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to depths of 2, 4 and 5ft. bgs within the release area. The excavation area is illustrated on Figure 4.

A total of 70 confirmation samples were collected from the excavation base (CS1 – CS70) and 36 confirmation samples were collected from the excavation sidewalls (SW1 – SW36) to ensure impacted soils were successfully removed. Analytical results indicated that 4 of the base confirmation samples and 10 of the sidewall confirmation samples were above the regulatory limits and the area would require further excavation.

After further excavation the confirmation samples (CS-22, CS-23, and CS-49) were re-sampled from the excavation base. As well as 18 additional confirmation samples were collected from the excavation sidewalls (SW-8 – SW-11 and SW-23 – SW-36). A photographic documenting site conditions during confirmation sampling activities is attached.

The confirmation samples were collected every 200 square feet and submitted to the lab under proper chain of custody protocol for analysis. The samples were analyzed for the following:

- TPH (EPA method 8015 modified),
- BTEX (EPA Method 8021B), and
- Chloride (method SM4500Cl-B).

Analytical results indicated the extent of impacted soils had been removed and no further excavation was required. The excavation was backfilled and returned to near-natural grade. The final excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 1.

Mr. Mike Bratcher  
December 22, 2022  
Page 3 of 3

**Closing**

Based on the assessment and subsequent remedial action activities, the Site is compliant with NMOCD's regulatory limits, and no further actions are required at the site. A copy of the final C- 141 is attached, and Devon formally requests a no further action designation for the Site. If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,  
**NTG Environmental**



Ethan Sessums  
Project Manager

Attachments:

Initial And Final C-141  
Site Characterization Information  
Table

Figures  
Photographic Log  
Laboratory Reports and Chain-of-Custody

## Kellan Smith

---

**From:** Ethan Sessums  
**Sent:** Tuesday, January 17, 2023 2:16 PM  
**To:** Kellan Smith  
**Subject:** FW: Sampling Notification Longview Federal 12-15H

---

**From:** Ethan Sessums  
**Sent:** Thursday, October 27, 2022 2:37 PM  
**To:** ocd.enviro@state.nm.us  
**Cc:** Jordan Tyner <JTyrer@ntglobal.com>  
**Subject:** Sampling Notification Longview Federal 12-15H

We will be conducting partial confirmation sampling on behalf of DEVON on October 31<sup>st</sup>, 2022.  
Incident ID: nAPP2221429648

Thanks!

Ethan Sessums  
Project Manager  
NTG Environmental New Mexico  
402 E Wood Ave, Carlsbad, NM 88220  
M: 254-266-5456 W: 432-701-2159  
Email: [esessums@ntglobal.com](mailto:esessums@ntglobal.com)  
<http://www.ntgenvironmental.com/>



## Kellan Smith

---

**From:** Ethan Sessums  
**Sent:** Wednesday, January 18, 2023 8:56 AM  
**To:** Kellan Smith  
**Subject:** Fwd: [EXTERNAL] Sampling Event

Ethan Sessums  
Project Manager  
NTGE New Mexico  
402 E Wood Ave, Carlsbad, NM 88220  
M: (254)-266-5456 W: (432)-701-2159  
Email: [essesums@ntglobal.com](mailto:essesums@ntglobal.com)

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

---

**From:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrn.dnm.gov](mailto:OCD.Enviro@emnrn.dnm.gov)>  
**Sent:** Tuesday, November 8, 2022 9:20:00 AM  
**To:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrn.dnm.gov](mailto:mike.bratcher@emnrn.dnm.gov)>; Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrn.dnm.gov](mailto:Robert.Hamlet@emnrn.dnm.gov)>  
**Subject:** RE: [EXTERNAL] Sampling Event

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

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

**Jocelyn Harimon** • Environmental Specialist  
Environmental Bureau  
EMNRD - Oil Conservation Division  
1220 South St. Francis Drive | Santa Fe, NM 87505  
(505)469-2821 | [Jocelyn.Harimon@state.nm.us](mailto:Jocelyn.Harimon@state.nm.us)  
<http://www.emnrn.dnm.gov>



**From:** Ethan Sessums <ESessums@ntglobal.com>  
**Sent:** Tuesday, November 8, 2022 8:18 AM  
**To:** Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>  
**Subject:** [EXTERNAL] Sampling Event

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

We will be conducting partial confirmation sampling on behalf of DEVON on November 10, 2022.

Incident ID: nAPP2221429648

Thanks!

Ethan Sessums  
Project Manager  
NTGE New Mexico  
402 E Wood Ave, Carlsbad, NM 88220  
M: (254)-266-5456 W: (432)-701-2159  
Email: [esessums@ntglobal.com](mailto:esessums@ntglobal.com)

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

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**

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**From:** Kellan Smith  
**Sent:** Saturday, November 26, 2022 4:14 PM  
**To:** New Mexico OCD

New Tech Global Environmental will be conducting a sampling event on behalf of Devon Energy Corporation. This event will take place on Monday, November 28, 2022, at around 4pm.

nAPP2221429648

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**INITIAL AND FINAL C-141**

---

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	
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## Release Notification

### Responsible Party

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

### Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

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

### Nature and Volume of Release

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

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

Cause of Release

State of New Mexico  
Oil Conservation Division

Page 2

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

### Initial Response

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

<input type="checkbox"/> The source of the release has been stopped. <input type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.
If all the actions described above have <u>not</u> been undertaken, explain why:
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.
Printed Name: _____ Title: _____ Signature: <u>Kendra Ruiz</u> Date: _____ email: _____ Telephone: _____
<b><u>OCD Only</u></b> Received by: <u>Jocelyn Harimon</u> Date: <u>08/15/2022</u>

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Signature: Dale Woodall Date: 1/18/2023  
email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

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- Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- Extents of contamination must be fully delineated.
- Contamination does not cause an imminent risk to human health, 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: Dale Woodall Title: Env. Professional  
 Signature: Dale Woodall Date: 1/18/2023  
 email: dale.woodall@att.net Telephone: 575-748-1838

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

- Approved       Approved with Attached Conditions of Approval       Denied       Deferral Approved

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Incident ID	nAPP2221429648
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 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 ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Dale Woodall Title: Env. Professional  
 Signature: *Dale Woodall* Date: 1/18/2023  
 email: dale.woodall@dvn.com Telephone: 575-748-1838

**OCD Only**

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

Printed Name: \_\_\_\_\_ Title: \_\_\_\_\_

<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
<i>Contaminated Soil measurement</i>	
Area (square feet)	Depth(inches)
619.561	1.000
Cubic Feet of Soil Impacted	51.630
Barrels of Soil Impacted	9.20
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	1.38
Saturation	Damp no fluid when squeezed
Estimated Barrels of Oil Released	0.14
<i>Free Standing Fluid Only</i>	
Area (square feet)	Depth(inches)
619.561	0.125
904.046	
<b>Total fluids spilled</b>	<b>1.380</b>

<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
<i>Contaminated Soil measurement</i>	
Area (square feet)	Depth(inches)
1082.346	1.000
Cubic Feet of Soil Impacted	90.196
Barrels of Soil Impacted	16.08
Soil Type	Clay/Sand
Barrels of Oil Assuming 100% Saturation	2.41
Saturation	Fluid present when squeezed
Estimated Barrels of Oil Released	1.21
<i>Free Standing Fluid Only</i>	
Area (square feet)	Depth(inches)
1082.346	0.125
Standing fluid	2.010
<b>Total fluids spilled</b>	<b>4.421</b>

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

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

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

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

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

CONDITIONS

Action 134166

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 134166
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
jharimon	None	8/15/2022

## **SITE CHARACTERIZATION INFORMATION**

---

Devon - Longview Federal 12-15 (8.1.22)  
Unit C, S12, T23S, R28E  
Site Coordinates: 32.325272, -104.42999  
Eddy County, New Mexico

#### Site Characterizations

- 0 water features within specified distances of 1/2 mile radius
- Medium Karst
- NMSEO Groundwater is 55' below surface, 86 feet Southeast of the site, 2020 Drilled, Sec 28 T19S R31E
- NMSEO Groundwater is 63' below surface, .54 miles Northwest of the site, 2021 Drilled, Sec 19 T19S R31E

# Medium Karst

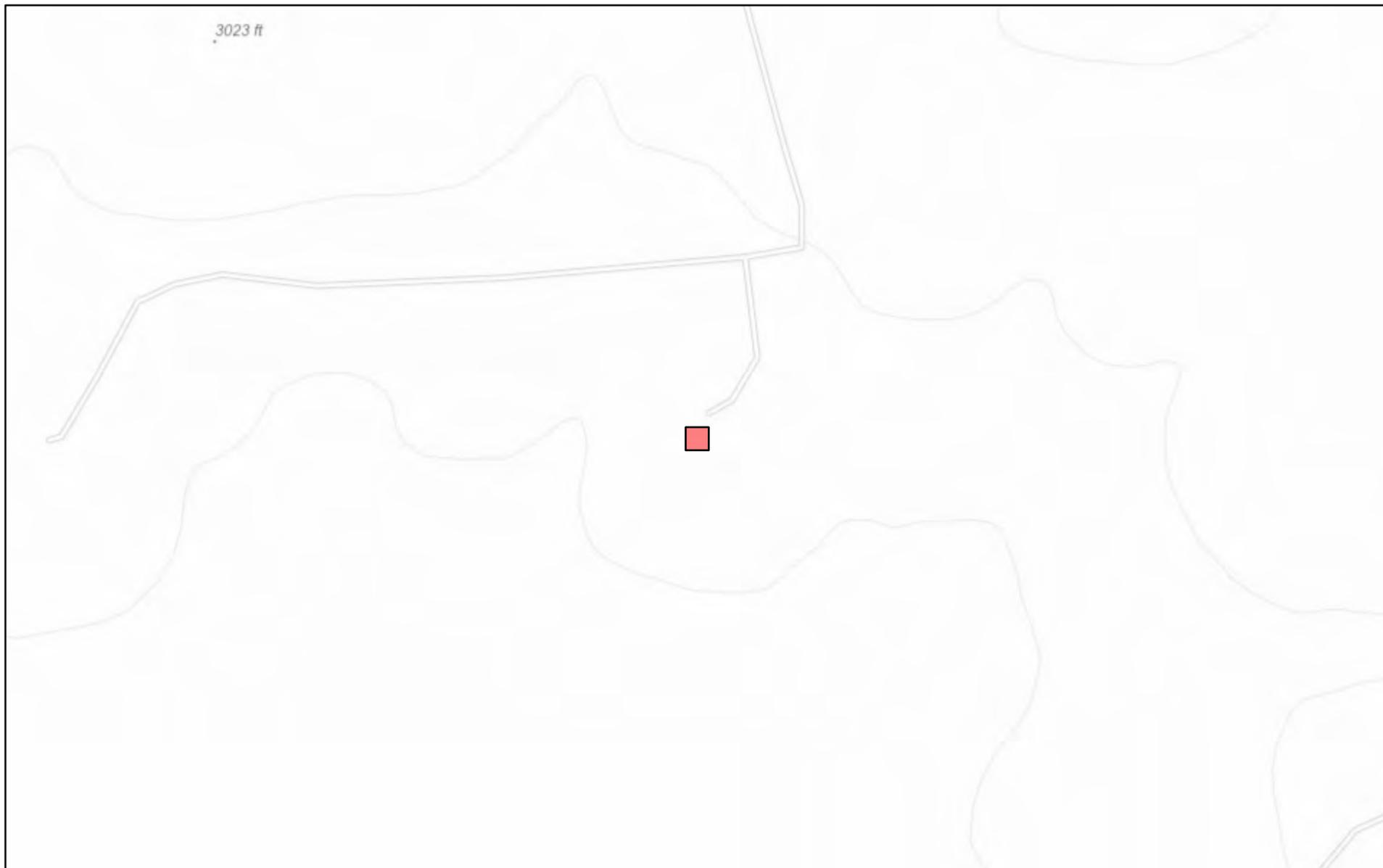
## Legend

-  Longview Federal 12-15H (8.21.22)

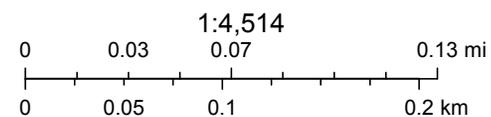
Longview Federal 12-15H (8.21.22)



# New Mexico NFHL Data



September 14, 2022



FEMA, Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey,

nmflood.org is made possible through a collaboration with NMDHSEM,

This is a non-regulatory product for informational use only. Please consult your local floodplain administrator for further information.

# Longview Federal 12-15H (8.21.22)

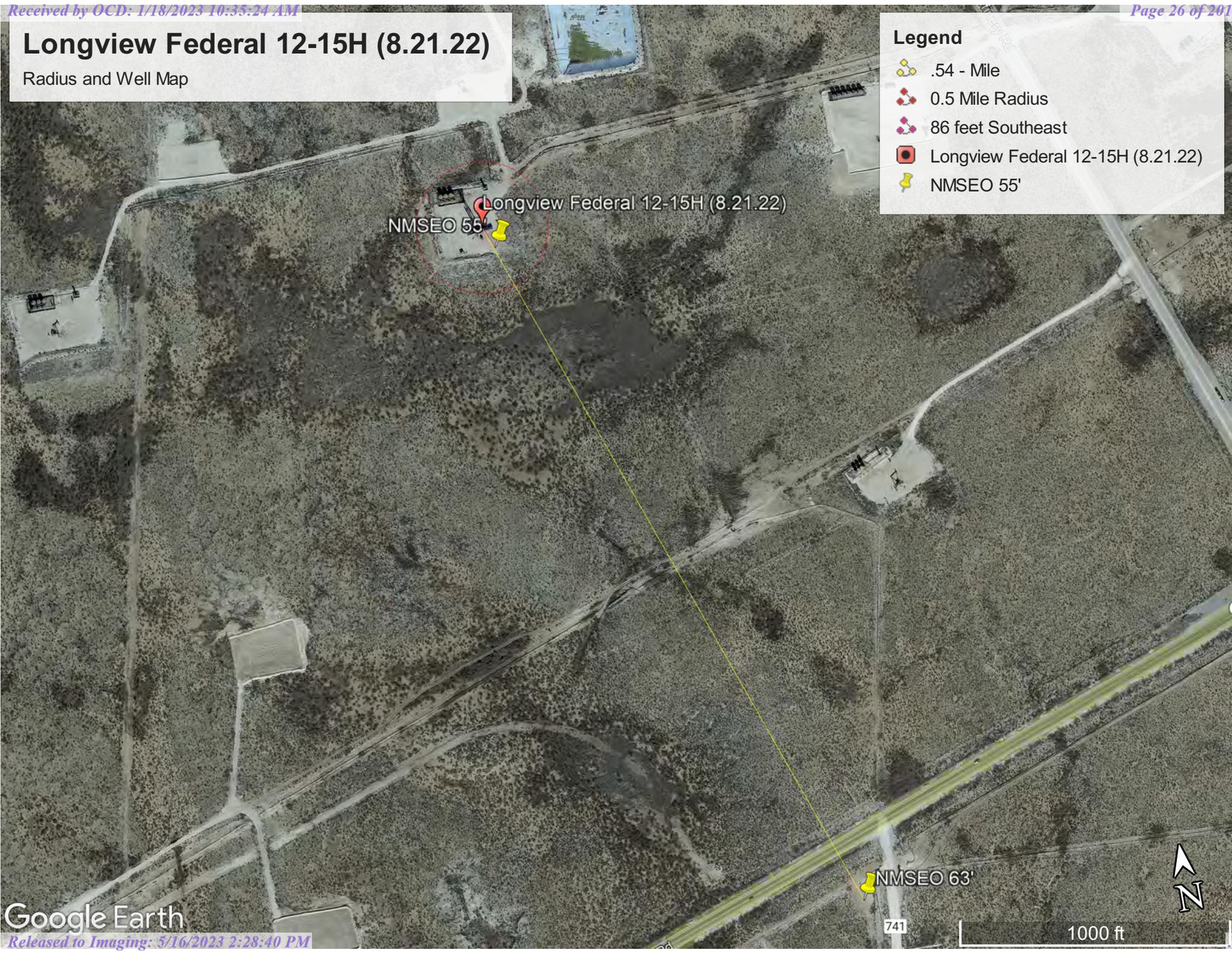
Radius and Well Map

## Legend

-  .54 - Mile
-  0.5 Mile Radius
-  86 feet Southeast
-  Longview Federal 12-15H (8.21.22)
-  NMSEO 55'

Longview Federal 12-15H (8.21.22)  
 NMSEO 55'

NMSEO 63'





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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

SEE OTHER PAGES FOR...

<b>1. GENERAL AND WELL LOCATION</b>	OSE POD NO. (WELL NO.) <b>POD1</b>		WELL TAG ID NO. Well Tag ID Not Issued		OSE FILE NO(S). <b>C 04418</b>			
	WELL OWNER NAME(S) <b>WPX Energy</b>				PHONE (OPTIONAL)			
	WELL OWNER MAILING ADDRESS <b>5315 Buena Vista Drive</b>				CITY <b>Carlsbad</b>	STATE <b>NM</b>	ZIP <b>88220</b>	
	WELL LOCATION (FROM GPS)	DEGREES <b>32</b>		MINUTES <b>19</b>	SECONDS <b>29.6</b>	* ACCURACY REQUIRED: ONE TENTH OF A SECOND * DATUM REQUIRED: WGS 84		
		LATITUDE <b>-104</b>		<b>02</b>	<b>33.7</b>			<b>N</b>
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE <b>C-12-23S-28E; Longview Federal 12-15</b>								
<b>2. DRILLING &amp; CASING INFORMATION</b>	LICENSE NO. <b>1789</b>		NAME OF LICENSED DRILLER <b>Mark Mumby</b>			NAME OF WELL DRILLING COMPANY <b>HRL Compliance Solutions</b>		
	DRILLING STARTED <b>3/31/2020</b>	DRILLING ENDED <b>3/31/2020</b>	DEPTH OF COMPLETED WELL (FT) <b>55</b>	BORE HOLE DEPTH (FT) <b>55</b>	DEPTH WATER FIRST ENCOUNTERED (FT) <b>Water was not encountered</b>			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) <b>Water was not present in the well after 48-hours</b>			
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: <b>Hollow Stem Auger</b>							
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	45	6.25	Blank PVC	Flush Thread	2.0	0.154	0.010
	45	55	6.25	Factory Slotted PVC Screen	Flush Thread	2.0	0.154	0.010
<b>3. ANNULAR MATERIAL</b>	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				No Annular Seal Material or Gravel Pack	None			

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 04/30/19)

FILE NO. <b>C-4418</b>	POD NO. <b>1</b>	TRN NO. <b>670356</b>
LOCATION <b>214 T23S R28E Sec12</b>	WELL TAG ID NO. <b>NA</b>	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER-BEARING ZONES (gpm)
	FROM	TO				
	0	55	55	Silt/Sand with Interbedded caliche	Y <input checked="" type="checkbox"/> N	0.00
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
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					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
					Y N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY: Water Not Encountered					TOTAL ESTIMATED WELL YIELD (gpm): 0.00	
5. TEST; RIG SUPERVISION	WELL TEST	TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.				
	MISCELLANEOUS INFORMATION: Well was drilled to determine depth to groundwater in the area. The well was a temporary well. The well was monitored for the presence of water 48-hours after drilling was complete; water was not encountered in the well at this time. The well was subsequently abandoned on 4/3/2020.					
	PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Kalvin (Kelly) Padilla					
6. SIGNATURE	BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.					
	 SIGNATURE OF DRILLER / PRINT SIGNEE NAME			Mark Mumby	4/23/2020 DATE	

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 04/30/2019)			
FILE NO.	C-4418	POD NO.	1	TRN NO.	670356
LOCATION	214 T235 R38E Sec 12	WELL TAG ID NO.	NA	PAGE 2 OF 2	

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



Roswell Office  
1900 WEST SECOND STREET  
ROSWELL, NM 88201

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

Trn Nbr: 670356  
File Nbr: C 04418  
Well File Nbr: C 04418 POD1

Jun. 09, 2020

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

Greetings:

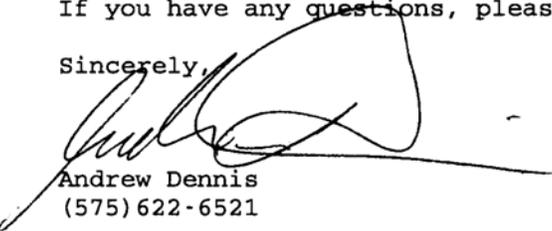
The above numbered permit was issued in your name on 03/26/2020.

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

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

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

Sincerely,

  
Andrew Dennis  
(575) 622-6521

drywell



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)					(NAD83 UTM in meters)		
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tw</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
NA	C 04418 POD1	4	2	1	12	23S	28E	590104	3576851

<b>Driller License:</b> 1789	<b>Driller Company:</b> HRL COMPLIANCE SOLUTIONS, INC	
<b>Driller Name:</b> MARK MUMBY		
<b>Drill Start Date:</b> 03/31/2020	<b>Drill Finish Date:</b> 03/31/2020	<b>Plug Date:</b> 04/03/2020
<b>Log File Date:</b> 05/26/2020	<b>PCW Rev Date:</b>	<b>Source:</b>
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 0 GPM
<b>Casing Size:</b> 2.00	<b>Depth Well:</b> 55 feet	<b>Depth Water:</b>

<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	0	45
	45	55

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

9/14/22 2:55 PM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

## Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
<b>Well Tag</b>	<b>POD Number</b>	<b>Q64</b>	<b>Q16</b>	<b>Q4</b>	<b>Sec</b>	<b>Tw</b>	<b>Rng</b>	<b>X</b>	<b>Y</b>
NA	C 04584 POD1	3	1	4	12	23S	28E	590392	3576064

<b>Driller License:</b> 1664	<b>Driller Company:</b> CASCADE DRILLING, LP	
<b>Driller Name:</b> CAIN, SHAWN N.NJR.L.NER		
<b>Drill Start Date:</b> 12/16/2021	<b>Drill Finish Date:</b> 12/17/2021	<b>Plug Date:</b>
<b>Log File Date:</b> 05/19/2022	<b>PCW Rev Date:</b>	<b>Source:</b>
<b>Pump Type:</b>	<b>Pipe Discharge Size:</b>	<b>Estimated Yield:</b> 0 GPM
<b>Casing Size:</b> 2.00	<b>Depth Well:</b> 63 feet	<b>Depth Water:</b>

<b>Casing Perforations:</b>	<b>Top</b>	<b>Bottom</b>
	47	62

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

9/14/22 3:07 PM

POINT OF DIVERSION SUMMARY

## **TABLES**

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**Table 1 - Soil Delineation Samples - Remedial Action Activities  
Devon Energy Production Company  
Longview Federal 12-15 #001H  
Eddy County, New Mexico**

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)					Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
			DRO	GRO	DRO/GRO	MRO	Total						
S-1	9/15/2022	0-1'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	8,000
		1-1.5'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	11,100
S-2	9/15/2022	0-1'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	8,660
		1-1.5'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,320
		2-2.5'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
		3-3.5'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	784
S-3	9/15/2022	0-1'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,640
		1-1.5'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,560
		2-2.5'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,100
S-4	9/15/2022	0-1'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,090
TP-1	10/11/2022	1'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,280
		2'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,200
		3'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,120
		4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,600
		5'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,400
		6'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,920
		7'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,920
		8'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,640
		9'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,320
TP-2	10/11/2022	1'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
		2'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
TP-3	10/11/2022	1'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,200
		2'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,200
		3'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,600
		4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,560
		5'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,960
		6'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,640
		7'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,440
		8'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,920
9'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,400		
<b>Regulatory Limits <sup>A</sup> (in mg/Kg)</b>					<b>1,000</b>	<b>2,500</b>	<b>10</b>				<b>50</b>	<b>10,000</b>	
<b>Regulatory Limits from Surface to 4 ft bgs off pad (in mg/Kg)</b>							<b>100</b>	<b>10</b>			<b>50</b>	<b>600</b>	
(-) Not Analyzed													
A – Table 1 - 19.15.29 NMAC													
mg/kg - milligram per kilogram													
TPH- total petroleum hydrocarbons													
ft-feet													
Exceeds regulatory limit on pad													
Exceeds regulatory limit from surface to 4' bgs off pad													

**Table 1 - Soil Delineation Samples - Remedial Action Activities  
Devon Energy Production Company  
Longview Federal 12-15 #001H  
Eddy County, New Mexico**

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)					Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
			DRO	GRO	DRO/GRO	MRO	Total						
TP-4	10/11/2022	1'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,600
		2'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,600
		3'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,200
		4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,000
		5'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,560
		6'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,600
		7'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,160
		8'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,560
		9'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,800
TP-5	10/11/2022	1'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	688
		2'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
H-1	9/15/2022	--	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	7,040
H-2	9/15/2022	--	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,920
H-3	9/15/2022	--	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,880
H-4	9/15/2022	--	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,000
H-5	9/15/2022	--	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
H-6	9/15/2022	--	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
<b>Regulatory Limits <sup>A</sup> (in mg/Kg)</b>					<b>1,000</b>		<b>2,500</b>	<b>10</b>				<b>50</b>	<b>10,000</b>
<b>Regulatory Limits from Surface to 4 ft bgs off pad (in mg/Kg)</b>							<b>100</b>	<b>10</b>				<b>50</b>	<b>600</b>
(-) Not Analyzed													
<sup>A</sup> - Table 1 - 19.15.29 NMAC													
mg/kg - milligram per kilogram													
TPH- total petroleum hydrocarbons													
ft-feet													
<div style="display: flex; justify-content: space-between;"> <div style="width: 20px; height: 10px; background-color: yellow; border: 1px solid black;"></div> Exceeds regulatory limit on pad           <div style="width: 20px; height: 10px; background-color: orange; border: 1px solid black;"></div> Exceeds regulatory limit from surface to 4' bgs off pad         </div>													

**Table 2 - Soil Confirmation Samples - Remedial Action  
Activities Devon Energy Production Company  
Longview Federal 12-15 #001H  
Eddy County, New Mexico**

Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)					Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
			DRO	GRO	DRO/GRO	MRO	Total						
CS-1	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-2	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-3	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	304
CS-4	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-5	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-6	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	432
CS-7	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	464
CS-8	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	496
CS-9	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	384
CS-10	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-11	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-12	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-13	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-14	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-15	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
CS-16	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-17	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	240
CS-18	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-19	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-20	10/31/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208
CS-21	10/31/2022	2'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,660
	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16.0
CS-22	10/31/2022	2'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	40,000
	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	16
CS-23	11/16/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	19,000
	11/28/2022	5'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-24	11/10/2022	4'	108	<10.0	108	14.8	122.8	<0.050	<0.050	<0.050	<0.150	<0.300	4,880
CS-25	11/10/2022	4'	277	<10.0	277	87.3	364.3	<0.050	<0.050	<0.050	<0.150	<0.300	5,760
CS-26	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	800
CS-27	11/10/2022	4'	176	<10.0	176	33.7	209.7	<0.050	<0.050	<0.050	<0.150	<0.300	3,480
CS-28	11/10/2022	4'	15.3	<10.0	15.3	<10.0	15.3	<0.050	<0.050	<0.050	<0.150	<0.300	3,840
CS-29	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,310
CS-30	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,500
CS-31	11/10/2022	4'	128	<10.0	128	49.2	177.2	<0.050	<0.050	<0.050	<0.150	<0.300	3,160
CS-32	11/10/2022	4'	13.8	<10.0	13.8	<10.0	13.8	<0.050	<0.050	<0.050	<0.150	<0.300	3,040
CS-33	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	576
CS-34	11/10/2022	4'	80.5	<10.0	80.5	28.1	108.6	<0.050	<0.050	<0.050	<0.150	<0.300	4,280
CS-35	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,040
CS-36	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,890
CS-37	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,790
CS-38	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	912
CS-39	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,170
CS-40	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	8,480
CS-41	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	8,160
CS-42	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,250
CS-43	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,600
CS-44	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,230
CS-45	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,240
CS-46	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,600
CS-47	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	768
CS-48	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	6,720
CS-49	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	11,000
	11/28/2022	5'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
<b>Regulatory Limits <sup>A</sup> (in mg/Kg)</b>								1,000	10			50	10,000
<b>Regulatory Limits from Surface to 4 ft bgs off pad (in mg/Kg)</b>								100	10			50	600
(-) Not Analyzed		ftFeet											
<sup>A</sup> - Table 1 - 19.15.29 NMAC								Exceeds regulatory limit on pad					
mg/kg - milligram per kilogram								Exceeds regulatory limit from surface to 4' bgs off pad					
TPH- total petroleum hydrocarbons													

**Table 2 - Soil Confirmation Samples - Remedial Action  
Activities Devon Energy Production Company  
Longview Federal 12-15 #001H  
Eddy County, New Mexico**

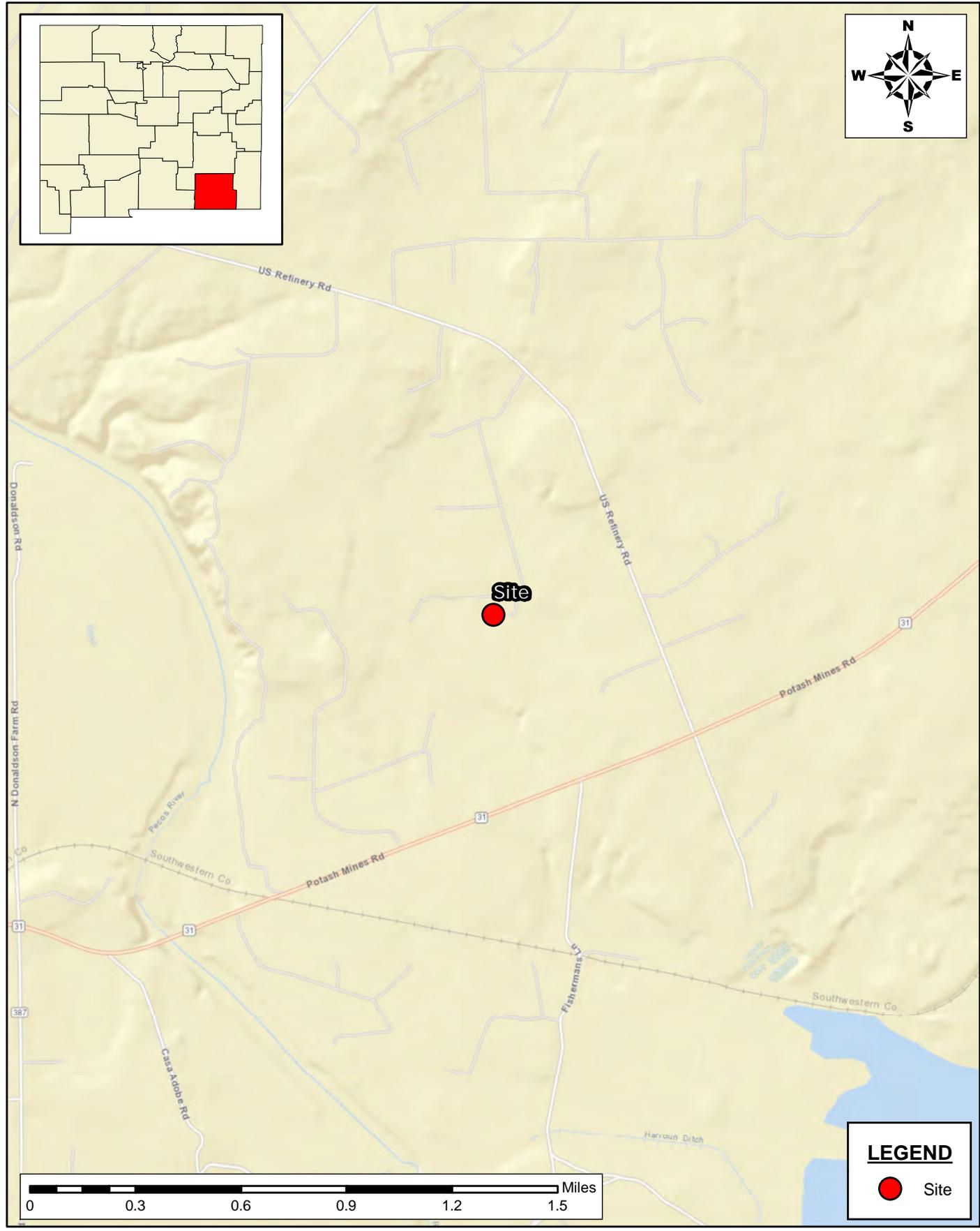
Sample ID	Date	Sample Depth (ft)	TPH (mg/kg)					Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX (mg/kg)	Chlorides (mg/kg)
			DRO	GRO	DRO/GRO	MRO	Total						
CS-50	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-51	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,760
CS-52	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	9,360
CS-53	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,870
CS-54	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,440
CS-55	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,400
CS-56	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656
CS-57	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
CS-58	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	624
CS-59	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-60	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	8,320
CS-61	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	736
CS-62	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	656
CS-63	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,890
CS-64	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-65	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	640
CS-66	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
CS-67	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
CS-68	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-69	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-70	11/10/2022	4'	<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	512
SW-1	10/31/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	10,800
SW-2	10/31/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	848
SW-3	10/31/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-4	10/31/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-5	10/31/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	912
SW-6	10/31/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	4,960
SW-7	10/31/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
SW-8	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
SW-9	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-10	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-11	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-12	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-13	11/10/2022		1,730	<10.0	1,730	490	2,228	<0.050	<0.050	<0.050	<0.150	<0.300	7,840
SW-14	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	2,220
SW-15	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,680
SW-16	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	224
SW-17	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	5,440
SW-18	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
SW-19	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
SW-20	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
SW-21	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	688
SW-22	11/10/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	960
SW-23	11/28/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
SW-24	11/28/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
SW-25	11/28/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	<16
SW-26	11/28/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
SW-27	11/28/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-28	11/28/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-29	11/28/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-30	11/28/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
SW-31	11/28/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
SW-32	11/28/2022		<10.0	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
SW-33	11/28/2022		<10.0	<10.0	<10.0	<10.0	<50.0	<0.050	<0.050	<0.050	<0.150	<0.300	96
SW-34	11/28/2022		<10.0	<10.0	<10.0	<10.0	<50.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-35	11/28/2022		<10.0	<10.0	<10.0	<10.0	<50.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
SW-36	11/28/2022		<10.0	<10.0	<10.0	<10.0	<50.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
<b>Regulatory Limits A (in mg/Kg)</b>					1,000		2,500	10				50	10,000
<b>Regulatory Limits from Surface to 4 ft bgs off pad (in mg/Kg)</b>							100	10				50	600
(-) Not Analyzed		ft-feet											
A- Table 1 - 19.15.29 NMAC		Exceeds regulatory limit on pad											
mg/kg - milligram per kilogram		Exceeds regulatory limit from surface to 4' bgs off pad											
TPH- total petroleum hydrocarbons													



## **FIGURES**

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Document Path: P:\2022 PROJECTS\DEVON\RSO\226296 - Longview Federal 12-15H (8.1-22)\7-Figures\GIS\Figure\_1\_SL.mxd



**SITE LOCATION MAP  
CLOSURE REPORT**  
 LONGVIEW FEDERAL 12-15H (8.1-22)  
 DEVON ENERGY PRODUCTION COMPANY, LLC  
 EDDY COUNTY, NEW MEXICO

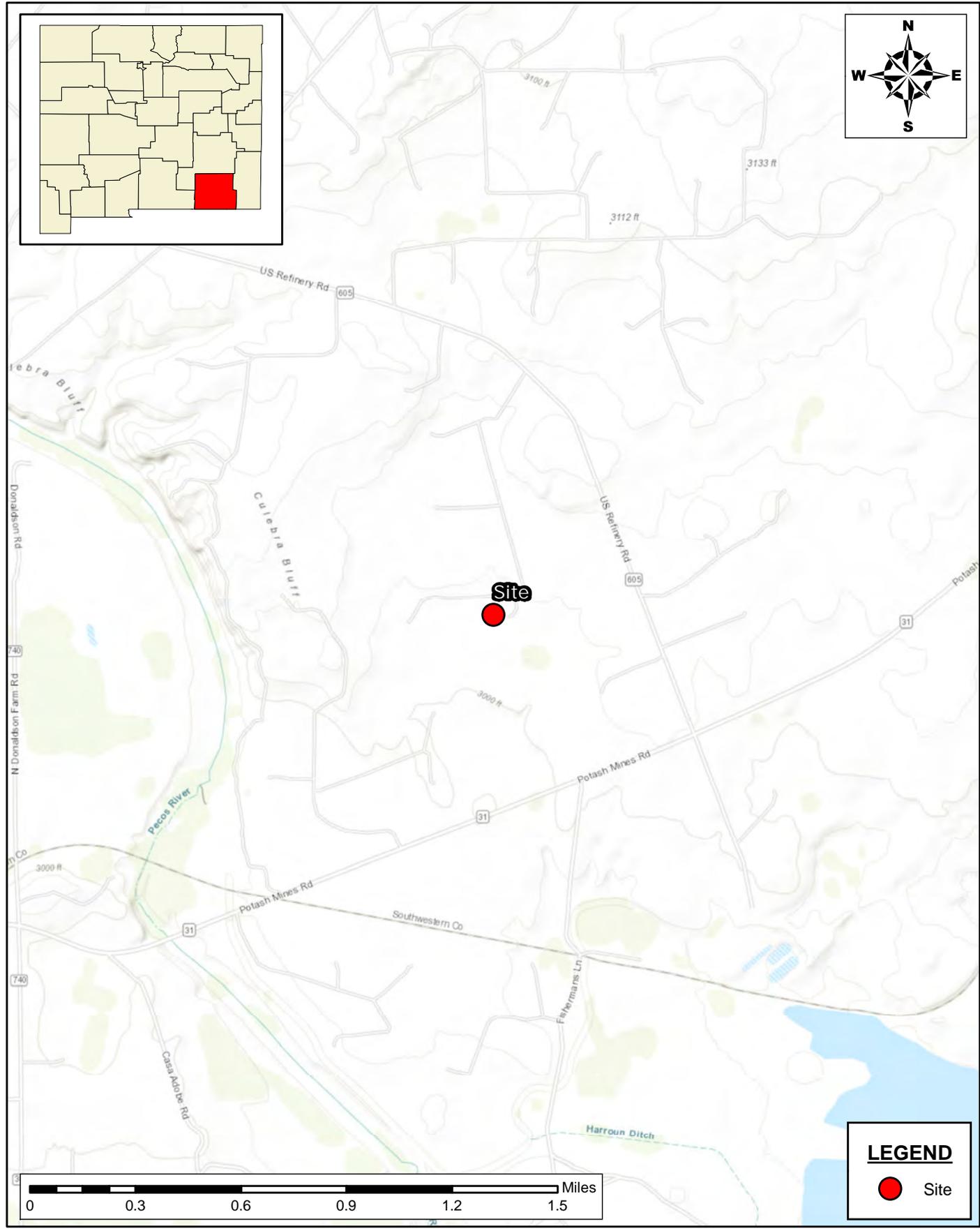
SCALE: As Shown    Date: 9/20/2022    PROJECT #: 226296

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

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

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

Document Path: P:\2022 PROJECTS\DEVON\RSO\226296 - Longview Federal 12-15H (8.1.22)\7-Figures\GIS\Figure\_2\_SL.mxd



**SITE LOCATION MAP  
CLOSURE REPORT**  
LONGVIEW FEDERAL 12-15H (8.1-22)  
DEVON ENERGY PRODUCTION COMPANY, LLC  
EDDY COUNTY, NEW MEXICO

SCALE: As Shown    Date: 9/20/2022    PROJECT #: 226296

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

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

DRAWING NUMBER:  
**FIGURE 2**  
SHEET NUMBER:  
**1 of 1**



**LEGEND**

- Vertical Sample
- Horizontal Sample
- Area of Concern

Document Path: P:\2022 PROJECTS\DEVON\RSC\226296 - Longview Federal 12-15H (8.1.22)\7 - Figures\GIS\Figure\_3\_SA\_DH.mxd

**SITE ASSESSMENT MAP  
CLOSURE REPORT**  
 LONGVIEW FEDERAL 12-15H (8.1-22)  
 DEVON ENERGY PRODUCTION COMPANY, LLC  
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown    Date: 1/17/2023    PROJECT #: 226296

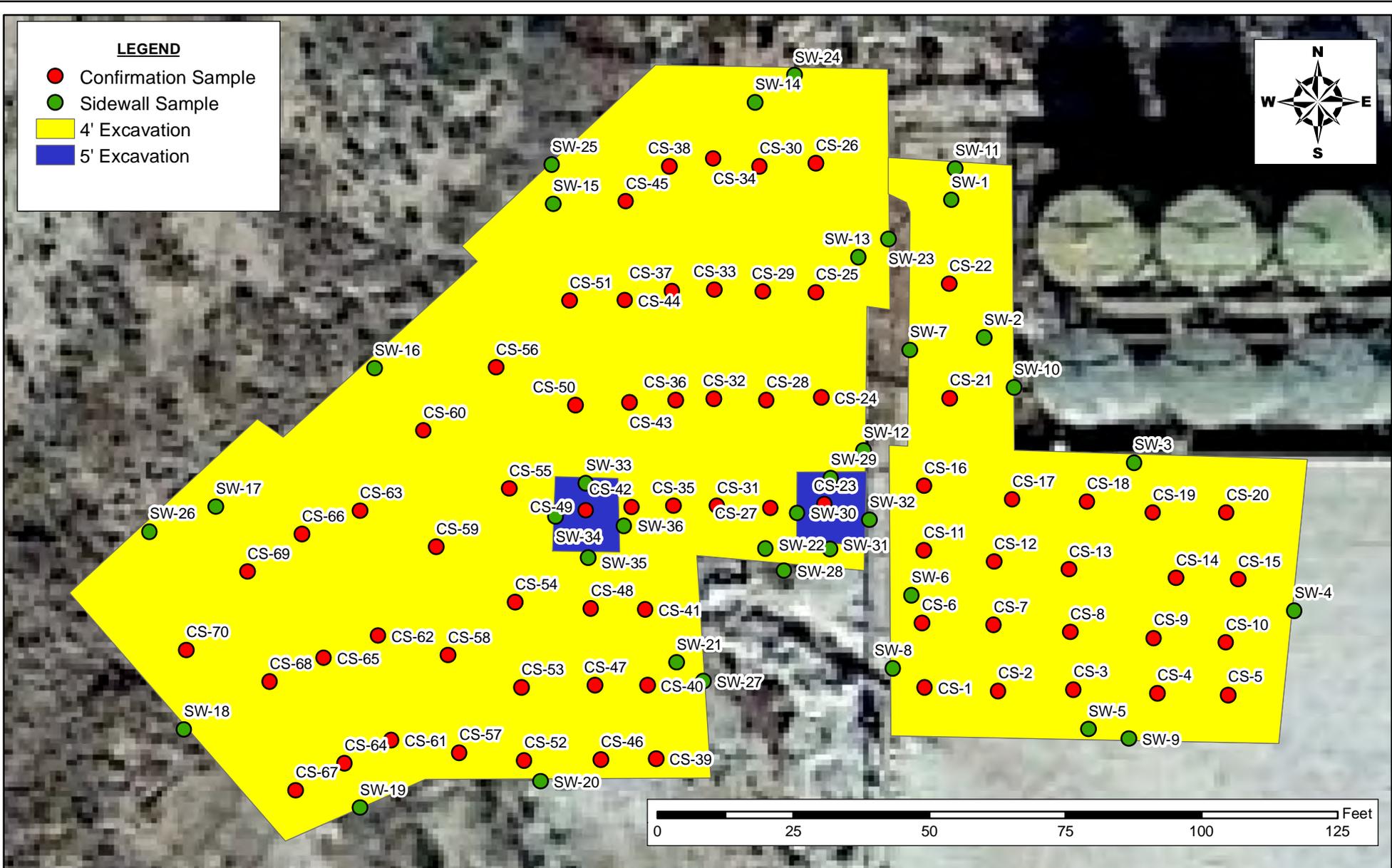
**NTG**  
 Environmental

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

**NOTES:**

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

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



DRAWING NUMBER:  
**FIGURE 4**

SHEET NUMBER:  
**1 of 1**

**CONFIRMATION MAP  
CLOSURE REPORT**  
DEVON ENERGY PRODUCTION COMPANY, LLC  
LONGVIEW FEDERAL 12-15H (8.1.22)  
EDDY COUNTY, NEW MEXICO

SCALE: AS SHOWN      DATE: 01/17/2023      PROJECT #: 226296

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



**NOTES:**

- Base Image: ESRI Maps and Data 2017 (DigitalGlobe 2016 0.5m Digital Orthophoto)
- Map Projection: NAD 1983

## **PHOTOGRAPHIC LOG**

---

# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Photograph No. 1

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of area of concern.



### Photograph No. 2

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of area of concern.



### Photograph No. 3

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of area of concern.



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Photograph No. 4

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of area of concern.



### Photograph No. 5

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of area of concern.



### Photograph No. 6

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of area of concern.



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Photograph No. 7

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.

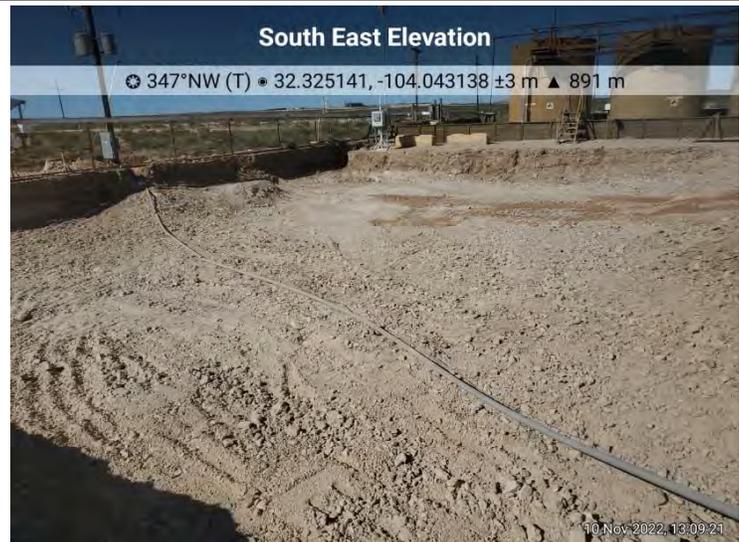


### Photograph No. 8

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



### Photograph No. 9

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



# PHOTOGRAPHIC LOG

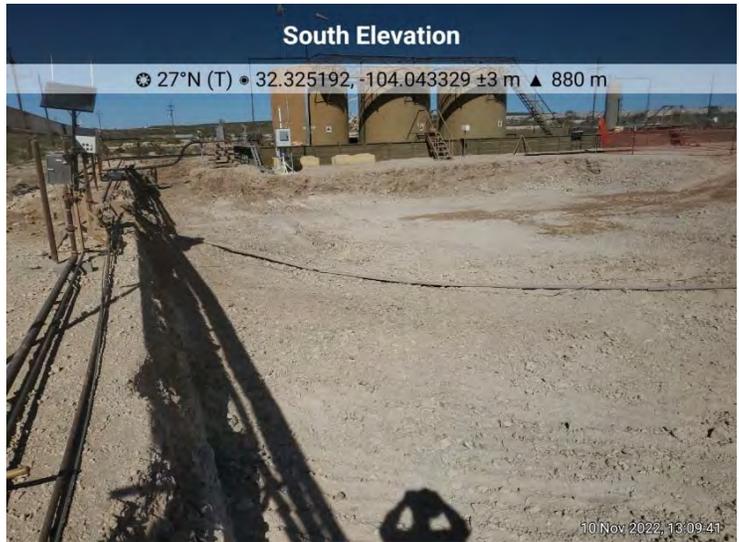
## Devon Energy Production Company

### Photograph No. 10

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



### Photograph No. 11

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



### Photograph No. 12

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



# PHOTOGRAPHIC LOG

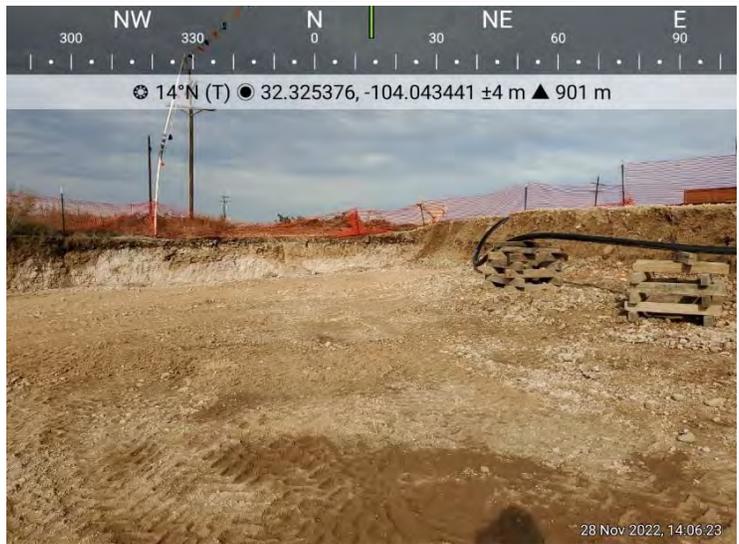
## Devon Energy Production Company

### Photograph No. 13

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



### Photograph No. 14

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.

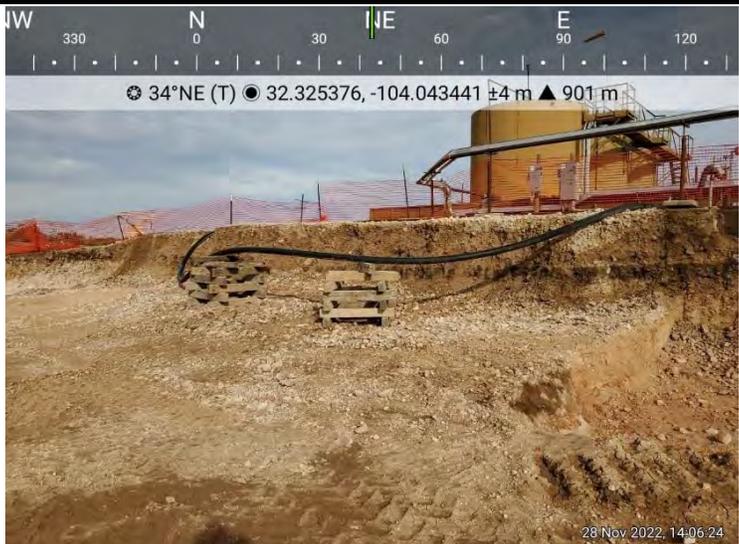


### Photograph No. 15

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Photograph No. 16

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



### Photograph No. 17

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



### Photograph No. 18

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



# PHOTOGRAPHIC LOG

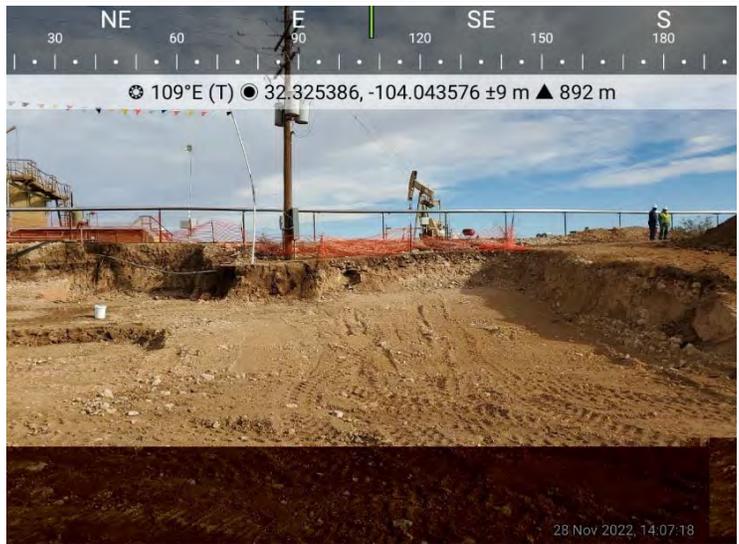
## Devon Energy Production Company

### Photograph No. 19

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.

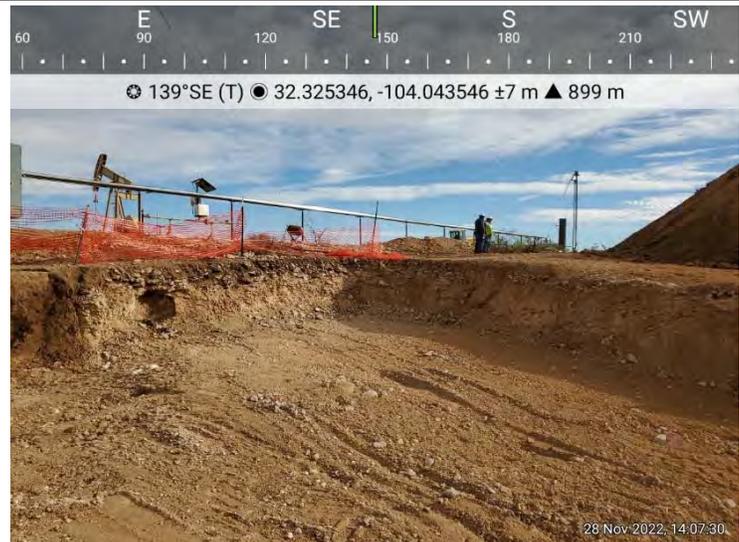


### Photograph No. 20

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



### Photograph No. 21

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of excavation.



# PHOTOGRAPHIC LOG

## Devon Energy Production Company

### Photograph No. 22

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of backfill.



### Photograph No. 23

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of backfill.



### Photograph No. 24

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of backfill.



# PHOTOGRAPHIC LOG

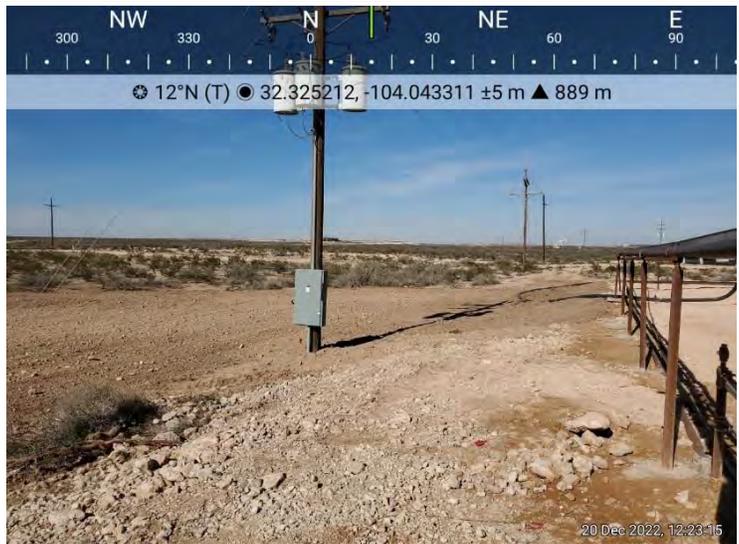
## Devon Energy Production Company

### Photograph No. 25

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of backfill.



### Photograph No. 26

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of backfill.

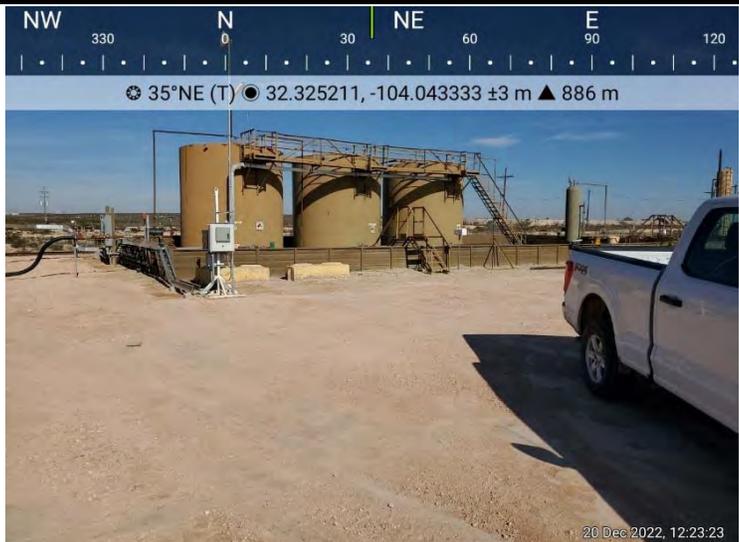


### Photograph No. 27

**Facility:** Longview Federal 12-15H

**County:** Eddy County

**Description:**  
View of backfill.



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



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

---

September 19, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LONGVIEW 15

Enclosed are the results of analyses for samples received by the laboratory on 09/15/22 15:40.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

---

November 02, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LONGVIEW FED 12-15 H

Enclosed are the results of analyses for samples received by the laboratory on 10/31/22 14:00.

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 [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 1 (H225117-01)**

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	11/01/2022	ND	1.84	91.9	2.00	0.240		
Toluene*	<0.050	0.050	11/01/2022	ND	2.17	109	2.00	1.41		
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	2.10	105	2.00	1.04		
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.39	107	6.00	1.58		
Total BTEX	<0.300	0.300	11/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/01/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789		
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58		
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND						

Surrogate: 1-Chlorooctane 79.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.4 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 2 (H225117-02)**

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	11/01/2022	ND	1.84	91.9	2.00	0.240		
Toluene*	<0.050	0.050	11/01/2022	ND	2.17	109	2.00	1.41		
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	2.10	105	2.00	1.04		
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.39	107	6.00	1.58		
Total BTEX	<0.300	0.300	11/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	11/01/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789		
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58		
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND						

Surrogate: 1-Chlorooctane 75.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.8 % 46.3-178

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 3 (H225117-03)**

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	11/02/2022	ND	1.84	91.9	2.00	0.240	
Toluene*	<0.050	0.050	11/02/2022	ND	2.17	109	2.00	1.41	
Ethylbenzene*	<0.050	0.050	11/02/2022	ND	2.10	105	2.00	1.04	
Total Xylenes*	<0.150	0.150	11/02/2022	ND	6.39	107	6.00	1.58	
Total BTEX	<0.300	0.300	11/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	11/01/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 66.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.7 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 4 (H225117-04)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2022	ND	1.84	91.9	2.00	0.240		
Toluene*	<0.050	0.050	11/02/2022	ND	2.17	109	2.00	1.41		
Ethylbenzene*	<0.050	0.050	11/02/2022	ND	2.10	105	2.00	1.04		
Total Xylenes*	<0.150	0.150	11/02/2022	ND	6.39	107	6.00	1.58		
Total BTEX	<0.300	0.300	11/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	11/01/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789		
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58		
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND						

Surrogate: 1-Chlorooctane 70.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 5 (H225117-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/02/2022	ND	1.84	91.9	2.00	0.240	
Toluene*	<0.050	0.050	11/02/2022	ND	2.17	109	2.00	1.41	
Ethylbenzene*	<0.050	0.050	11/02/2022	ND	2.10	105	2.00	1.04	
Total Xylenes*	<0.150	0.150	11/02/2022	ND	6.39	107	6.00	1.58	
Total BTEX	<0.300	0.300	11/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/01/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 66.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 6 (H225117-06)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/02/2022	ND	1.84	91.9	2.00	0.240		
Toluene*	<0.050	0.050	11/02/2022	ND	2.17	109	2.00	1.41		
Ethylbenzene*	<0.050	0.050	11/02/2022	ND	2.10	105	2.00	1.04		
Total Xylenes*	<0.150	0.150	11/02/2022	ND	6.39	107	6.00	1.58		
Total BTEX	<0.300	0.300	11/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	11/01/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789		
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58		
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND						

Surrogate: 1-Chlorooctane 67.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 7 (H225117-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/01/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 70.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 8 (H225117-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>496</b>	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 62.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 9 (H225117-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 67.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 10 (H225117-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 70.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 11 (H225117-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 68.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.2 % 46.3-178

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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 12 (H225117-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 74.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.1 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 13 (H225117-13)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 68.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 14 (H225117-14)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 75.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 15 (H225117-15)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 68.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 16 (H225117-16)**

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	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 64.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 17 (H225117-17)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 66.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 18 (H225117-18)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 151 % 45.3-161

Surrogate: 1-Chlorooctadecane 159 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 19 (H225117-19)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 20 (H225117-20)**

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	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	187	93.5	200	0.789	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	187	93.3	200	1.58	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 132 % 45.3-161

Surrogate: 1-Chlorooctadecane 149 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 1 (H225117-21)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10800	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 2 (H225117-22)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<b>848</b>	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 3 (H225117-23)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 4 (H225117-24)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>224</b>	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	212	106	200	2.48	
<b>DRO &gt;C10-C28*</b>	<b>50.5</b>	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 5 (H225117-25)**

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	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 6 (H225117-26)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.88	93.8	2.00	2.91	
Toluene*	<0.050	0.050	11/01/2022	ND	1.99	99.4	2.00	2.69	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	1.99	99.6	2.00	1.63	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.04	101	6.00	1.12	
Total BTEX	<0.300	0.300	11/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4960	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 7 (H225117-27)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.85	92.5	2.00	3.86	
Toluene*	<0.050	0.050	11/01/2022	ND	2.05	102	2.00	3.67	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	2.04	102	2.00	6.08	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.19	103	6.00	6.62	
Total BTEX	<0.300	0.300	11/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	11/01/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 21 (H225117-28)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/01/2022	ND	1.85	92.5	2.00	3.86		
Toluene*	<0.050	0.050	11/01/2022	ND	2.05	102	2.00	3.67		
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	2.04	102	2.00	6.08		
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.19	103	6.00	6.62		
Total BTEX	<0.300	0.300	11/01/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6660	16.0	11/01/2022	ND	416	104	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/01/2022	ND	212	106	200	2.48		
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11		
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND						

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	10/31/2022	Sampling Date:	10/31/2022
Reported:	11/02/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 22 (H225117-29)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/01/2022	ND	1.85	92.5	2.00	3.86	
Toluene*	<0.050	0.050	11/01/2022	ND	2.05	102	2.00	3.67	
Ethylbenzene*	<0.050	0.050	11/01/2022	ND	2.04	102	2.00	6.08	
Total Xylenes*	<0.150	0.150	11/01/2022	ND	6.19	103	6.00	6.62	
Total BTEX	<0.300	0.300	11/01/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	40000	16.0	11/01/2022	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	11/01/2022	ND	212	106	200	2.48	
DRO >C10-C28*	<10.0	10.0	11/01/2022	ND	215	107	200	5.11	
EXT DRO >C28-C36	<10.0	10.0	11/01/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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 (575) 393-2326 FAX (575) 393-2476

Page 1 of 3

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

**BILL TO**

**ANALYSIS REQUEST**

Company Name: NTG E  
 Project Manager: Ethan Sessions  
 Address: 409 E Wood Ave  
 City: Carlsbad State: NM Zip: 88220  
 Phone #: 254 266 5456 Fax #: \_\_\_\_\_  
 Project #: \_\_\_\_\_ Project Owner: Devin  
 Project Name: Longview 12-15  
 Project Location: Eddy County  
 Sampler Name: Suter Bamba II  
 P.O. #: 21664010  
 Company: \_\_\_\_\_  
 Attn: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip: \_\_\_\_\_  
 Phone #: \_\_\_\_\_  
 Fax #: \_\_\_\_\_

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :			
<u>H205117</u>			<u>6</u>			<u>X</u>							<u>1-31</u>	<u>2:00</u>	<u>BTEX</u>
	<u>1</u>														<u>TPH</u>
	<u>2</u>														<u>Chlorides</u>
	<u>3</u>														
	<u>4</u>														
	<u>5</u>														
	<u>6</u>														
	<u>7</u>														
	<u>8</u>														
	<u>9</u>														
	<u>10</u>														

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Relinquished By: [Signature] Date: 10-31 Received By: [Signature] Date: 2:00  
 Relinquished By: [Signature] Date: \_\_\_\_\_ Received By: [Signature] Date: \_\_\_\_\_

Turnaround Time: \_\_\_\_\_ Standard  Rush   
 Thermometer ID #113 2 Day  
 Correction Factor -0.8°C    
 Bacteria (only)    
 Cool Intact    
 Sample Condition    
 Observed Temp. °C \_\_\_\_\_  
 Corrected Temp. °C \_\_\_\_\_

Delivered By: (Circle One)  UPS  Bus  Other: \_\_\_\_\_  
 Observed Temp. °C 24.6  
 Corrected Temp. °C 24.0  
 CHECKED BY: (Initials) AV  
 Verbal Results:  Yes  No  Add'l Phone #: \_\_\_\_\_  
 All Results are emailed. Please provide Email address: \_\_\_\_\_  
 REMARKS: \_\_\_\_\_  
 Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



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Page 2 of 3

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

Company Name:		P.O. #:		<b>BILL TO</b>		ANALYSIS REQUEST	
Project Manager:		Company:					
Address:		Attn:					
City:		Address:					
State:		City:					
Zip:		State:					
Phone #:		Address:					
Fax #:		City:					
Project #:		State:					
Project Owner:		Zip:					
Project Location:		Phone #:					
Sampler Name:		Fax #:					
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	
H225117				GROUNDWATER	ACID/BASE:	DATE	TIME
11	CS-11			WASTEWATER	ICE / COOL	1-31	2:00
12	CS-12			SOIL	OTHER :		
13	CS-13			OIL			
14	CS-14			SLUDGE			
15	CS-15			OTHER :			
16	CS-16						
17	CS-17						
18	CS-18						
19	CS-19						
20	CS-20						

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Relinquished By: *[Signature]* Date: 1-31 Time: 2:00 Received By: *[Signature]* Verbal Result:  Yes  No Add'l Phone #: All Results are emailed. Please provide Email address: REMARKS:

Delivered By: (Circle One) Observed Temp. °C 24.6 Corrected Temp. °C 24.0 Sample Condition Cool Intact  Yes  No Checked By: (Initials) T.D. Turnaround Time: Standard  Rush  Bacteria (only) Sample Condition Cool Intact  Yes  No Observed Temp. °C Corrected Temp. °C

FORM 008 R-3-3-077022 † Cardinal cannot accept verbal changes. Please email changes to caley.keene@cardinallabsnm.com





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:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: H - 1 (H224283-01)**

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	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7040	16.0	09/19/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	201	100	200	4.81	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 97.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: H - 2 (H224283-02)**

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	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2920	16.0	09/19/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	201	100	200	4.81	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: H - 3 (H224283-03)**

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	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1880	16.0	09/19/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	201	100	200	4.81	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 79.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/15/2022  
 Reported: 09/19/2022  
 Project Name: LONGVIEW 15  
 Project Number: NOT GIVEN  
 Project Location: EDDY COUNTY, NM

Sampling Date: 09/15/2022  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 4 (H224283-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	09/19/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	201	100	200	4.81	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: H - 5 (H224283-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	201	100	200	4.81	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: H - 6 (H224283-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	201	100	200	4.81	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.6 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: S - 1 (0-1) (H224283-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8000	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	201	100	200	4.81	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: S - 1 (1-1.5) (H224283-08)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11100	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/16/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/16/2022	ND					

Surrogate: 1-Chlorooctane 87.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: S - 2 (0-1) (H224283-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8660	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/16/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/16/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/16/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: S - 2 (1-1.5) (H224283-10)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>2320</b>	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 84.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: S - 2 (2-2.5) (H224283-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>640</b>	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: S - 2 (3-3.5) (H224283-12)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>784</b>	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 79.8 % 46.3-178

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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: S - 3 (0-1) (H224283-13)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 77.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.2 % 46.3-178

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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: S - 3 (1-1.5) (H224283-14)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6560	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 79.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.0 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: S - 3 (2-2.5) (H224283-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 81.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/19/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 15	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

**Sample ID: S - 4 (0-1) (H224283-16)**

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	09/18/2022	ND	1.98	99.2	2.00	1.37	
Toluene*	<0.050	0.050	09/18/2022	ND	2.25	112	2.00	0.115	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	2.18	109	2.00	0.0291	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	6.70	112	6.00	0.316	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	09/19/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/17/2022	ND	184	92.2	200	0.381	
DRO >C10-C28*	<10.0	10.0	09/17/2022	ND	193	96.3	200	0.678	
EXT DRO >C28-C36	<10.0	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 81.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Notes and Definitions**

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

P.O. #: NTCG  
 Company: Debra  
 Attn: Mrs. Matthews  
 Address: 418 Superhighway Hwy  
 City: Artesian  
 State: NM Zip: 88210  
 Phone #: 254-266-5456  
 Fax #:

Company Name: NTCG  
 Project Manager: Ethna Sessions  
 Address: 402 E Wood Ave  
 City: Carlsbad State: NM Zip: 88220  
 Phone #: 254 266 5456 Fax #:  
 Project #: Project Owner: Debra  
 Project Name: Longview 15  
 Project Location: Eddy County  
 Sampler Name: C. Beckman  
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
H224283			6			X					9/15	3:20	BTEX TPH Chlorides
	1		6			X							
	2		6			X							
	3		6			X							
	4		6			X							
	5		6			X							
	6		6			X							
	7		6			X							
	8		6			X							
	9		6			X							
	10		6			X							

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Relinquished By: [Signature]  
 Date: 9-15-22  
 Time: 1340

Received By: [Signature]  
 Date: [Blank]  
 Time: [Blank]

Verbal Result:  Yes  No  Add'l Phone #:  
 All Results are emailed. Please provide Email address:  
 REMARKS:

Delivered By: (Circle One) Observed Temp. °C: 21.7  
 Corrected Temp. °C: 21.1  
 Sample Condition:  Cool  Intact  Yes  No  
 Checked By: [Signature]  
 Turnaround Time: Standard  Rush   
 Thermometer ID #113 Correction Factor -0.6°C  
 Bacteria (only) Sample Condition:  Cool  Intact  Yes  No  
 Observed Temp. °C: Corrected Temp. °C:

FORM-000-R-3-07110222

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



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(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

← TU

<b>Company Name:</b> NTGE <b>Project Manager:</b> Ethan Segunms <b>Address:</b> 402 E Wood Ave <b>City:</b> Carlsbad <b>State:</b> NM Zip: 88220 <b>Phone #:</b> 254 266 5456 <b>Fax #:</b> <b>Project #:</b> <b>Project Name:</b> Longview 15 <b>Project Location:</b> Eddy County <b>Sampler Name:</b> Cely Keene		<b>P.O. #:</b> <b>Company:</b> Devon <b>Attn:</b> WOS Matthews <b>Address:</b> 6098 Sire River Hwy <b>City:</b> Artesia <b>State:</b> NM Zip: 88210 <b>Phone #:</b> 254 266 5456 <b>Fax #:</b>	
<b>FOR LAB USE ONLY</b>		<b>BILL TO</b>	
<b>Lab I.D.</b> H224283 <b>Sample I.D.</b>		<b>ANALYSIS REQUEST</b>	
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:	
<b>Relinquished By:</b> [Signature] Date: 1-15-22 Time: 15:40 <b>Received By:</b> [Signature]		All Results are emailed. Please provide Email address:	
<b>Delivered By:</b> (Circle One) UPS - Bus - Other:		Turnaround Time: <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush Thermometer ID #113 Correction Factor -0.5°C Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C	
Observed Temp. °C: 24.7 Corrected Temp. °C: 24.1		CHECKED BY: [Signature]	
Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Sample Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		REMARKS:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H224283	S-2(2-2)B	6	1	X						9/15	3:20	BTEx
	S-2(3-3)S	6	1	X								TPH
	S-3(0-1)	6	1	X								Chlorides
	S-3(1-1.5)	6	1	X								
	S-3(2-2.5)	6	1	X								
	S-4(0-1)	6	1	X								
	S-4(0-1) B	6	1	X								

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November 16, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LONGVIEW FED 12-15 H

Enclosed are the results of analyses for samples received by the laboratory on 11/11/22 11:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 21 ( 4' ) (H225359-01)**

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	11/12/2022	ND	1.85	92.3	2.00	4.17		
Toluene*	<0.050	0.050	11/12/2022	ND	1.96	97.9	2.00	4.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.92	96.0	2.00	3.76		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.86	97.6	6.00	3.64		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	225	112	200	1.01		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	221	111	200	1.52		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 124 % 45.3-161

Surrogate: 1-Chlorooctadecane 145 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 22 ( 4' ) (H225359-02)**

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	11/12/2022	ND	1.85	92.3	2.00	4.17		
Toluene*	<0.050	0.050	11/12/2022	ND	1.96	97.9	2.00	4.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.92	96.0	2.00	3.76		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.86	97.6	6.00	3.64		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	11/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	225	112	200	1.01		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	221	111	200	1.52		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 117 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 23 ( 4' ) (H225359-03)**

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	11/12/2022	ND	1.85	92.3	2.00	4.17		
Toluene*	<0.050	0.050	11/12/2022	ND	1.96	97.9	2.00	4.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.92	96.0	2.00	3.76		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.86	97.6	6.00	3.64		
Total BTEX	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	19000	16.0	11/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	225	112	200	1.01		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	221	111	200	1.52		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 24 ( 4' ) (H225359-04)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.85	92.3	2.00	4.17	
Toluene*	<0.050	0.050	11/12/2022	ND	1.96	97.9	2.00	4.60	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.92	96.0	2.00	3.76	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.86	97.6	6.00	3.64	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4880</b>	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	206	103	200	2.23	
<b>DRO &gt;C10-C28*</b>	<b>108</b>	10.0	11/12/2022	ND	204	102	200	9.86	
<b>EXT DRO &gt;C28-C36</b>	<b>14.8</b>	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 25 ( 4' ) (H225359-05)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.85	92.3	2.00	4.17	
Toluene*	<0.050	0.050	11/12/2022	ND	1.96	97.9	2.00	4.60	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.92	96.0	2.00	3.76	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.86	97.6	6.00	3.64	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 84.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>5760</b>	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	206	103	200	2.23	
<b>DRO &gt;C10-C28*</b>	<b>277</b>	10.0	11/12/2022	ND	204	102	200	9.86	
<b>EXT DRO &gt;C28-C36</b>	<b>87.3</b>	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 26 ( 4' ) (H225359-06)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.85	92.3	2.00	4.17	
Toluene*	<0.050	0.050	11/12/2022	ND	1.96	97.9	2.00	4.60	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.92	96.0	2.00	3.76	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.86	97.6	6.00	3.64	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	800	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	225	112	200	1.01	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	221	111	200	1.52	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 27 ( 4' ) (H225359-07)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.85	92.3	2.00	4.17	
Toluene*	<0.050	0.050	11/12/2022	ND	1.96	97.9	2.00	4.60	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.92	96.0	2.00	3.76	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.86	97.6	6.00	3.64	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3480</b>	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	206	103	200	2.23	
<b>DRO &gt;C10-C28*</b>	<b>176</b>	10.0	11/12/2022	ND	204	102	200	9.86	
<b>EXT DRO &gt;C28-C36</b>	<b>33.7</b>	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 28 ( 4' ) (H225359-08)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.85	92.3	2.00	4.17		
Toluene*	<0.050	0.050	11/12/2022	ND	1.96	97.9	2.00	4.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.92	96.0	2.00	3.76		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.86	97.6	6.00	3.64		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<b>3840</b>	16.0	11/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	206	103	200	2.23		
<b>DRO &gt;C10-C28*</b>	<b>15.3</b>	10.0	11/12/2022	ND	204	102	200	9.86		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 99.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 29 ( 4' ) (H225359-09)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28	
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 30 ( 4' ) (H225359-10)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28		
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82		
Total BTEX	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1500	16.0	11/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 96.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 31 ( 4' ) (H225359-11)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28	
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3160</b>	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00	
<b>DRO &gt;C10-C28*</b>	<b>128</b>	10.0	11/12/2022	ND	192	96.2	200	4.65	
<b>EXT DRO &gt;C28-C36</b>	<b>49.2</b>	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 32 ( 4' ) (H225359-12)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28	
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82	
Total BTEX	<0.300	0.300	11/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>3040</b>	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00	
<b>DRO &gt;C10-C28*</b>	<b>13.8</b>	10.0	11/12/2022	ND	192	96.2	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 33 ( 4' ) (H225359-13)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28		
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	11/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 34 ( 4' ) (H225359-14)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28	
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82	
Total BTEX	<0.300	0.300	11/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>4280</b>	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00	
<b>DRO &gt;C10-C28*</b>	<b>80.5</b>	10.0	11/12/2022	ND	192	96.2	200	4.65	
<b>EXT DRO &gt;C28-C36</b>	<b>28.1</b>	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 97.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 35 ( 4' ) (H225359-15)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28	
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82	
Total BTEX	<0.300	0.300	11/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3040	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 87.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 36 ( 4' ) (H225359-16)**

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	11/12/2022	ND	1.88	93.8	2.00	6.28		
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1890	16.0	11/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 83.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 37 ( 4' ) (H225359-17)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28	
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1790	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 38 ( 4' ) (H225359-18)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28		
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	912	16.0	11/14/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 81.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 39 ( 4' ) (H225359-19)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28	
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1170	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 40 ( 4' ) (H225359-20)**

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	11/12/2022	ND	1.88	93.8	2.00	6.28	
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8480	16.0	11/14/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 41 ( 4' ) (H225359-21)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28	
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8160	16.0	11/14/2022	ND	400	100	400	3.92	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 74.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 80.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 42 ( 4' ) (H225359-22)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28		
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82		
Total BTEX	<0.300	0.300	11/12/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1250	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 95.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 43 ( 4' ) (H225359-23)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28		
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 69.9-140

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	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 86.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 44 ( 4' ) (H225359-24)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28		
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1230	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 87.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 45 ( 4' ) (H225359-25)**

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	11/12/2022	ND	1.88	93.8	2.00	6.28		
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4240	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 93.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 46 ( 4' ) (H225359-26)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28		
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>3600</b>	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00		
<b>DRO &gt;C10-C28*</b>	<b>109</b>	10.0	11/12/2022	ND	192	96.2	200	4.65		
<b>EXT DRO &gt;C28-C36</b>	<b>38.4</b>	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 92.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 47 ( 4' ) (H225359-27)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28		
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 94.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 48 ( 4' ) (H225359-28)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.88	93.8	2.00	6.28		
Toluene*	<0.050	0.050	11/12/2022	ND	1.99	99.7	2.00	5.69		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.94	97.1	2.00	4.93		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.94	99.1	6.00	3.82		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6720	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	219	109	200	2.00		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	192	96.2	200	4.65		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 86.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 49 ( 4' ) (H225359-29)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	11000	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 93.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.4 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 50 ( 4' ) (H225359-30)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.1 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 51 ( 4' ) (H225359-31)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 52 ( 4' ) (H225359-32)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9360	16.0	11/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 80.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.2 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 53 ( 4' ) (H225359-33)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1870	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/14/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/14/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/14/2022	ND						

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.9 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 54 ( 4' ) (H225359-34)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5440	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 78.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.2 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 55 ( 4' ) (H225359-35)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	11/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.8 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 56 ( 4' ) (H225359-36)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 73.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 67.8 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 57 ( 4' ) (H225359-37)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	528	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 60.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 54.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 58 ( 4' ) (H225359-38)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	624	16.0	11/14/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 64.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 59.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 59 ( 4' ) (H225359-39)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 60 ( 4' ) (H225359-40)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8320	16.0	11/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 81.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 61 ( 4' ) (H225359-41)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	736	16.0	11/14/2022	ND	416	104	400	0.00	QM-07

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	212	106	200	0.341	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 69.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 63.3 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 62 ( 4' ) (H225359-42)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	11/14/2022	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	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 63 ( 4' ) (H225359-43)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1890	16.0	11/14/2022	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	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 54.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 50.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 64 ( 4' ) (H225359-44)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/14/2022	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	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 67.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 63.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 65 ( 4' ) (H225359-45)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>640</b>	16.0	11/14/2022	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	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 96.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 66 ( 4' ) (H225359-46)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/14/2022	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	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 78.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.5 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 67 ( 4' ) (H225359-47)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66		
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60		
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25		
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42		
Total BTEX	<0.300	0.300	11/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	11/14/2022	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	11/12/2022	ND	212	106	200	0.341		
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307		
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND						

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 68 ( 4' ) (H225359-48)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.3	2.00	2.66	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	2.60	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.6	2.00	2.25	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.90	98.4	6.00	2.42	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/14/2022	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	11/12/2022	ND	212	106	200	0.341	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	228	114	200	0.0307	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 69.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 65.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 69 ( 4' ) (H225359-49)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	11/14/2022	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	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.5 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 70 ( 4' ) (H225359-50)**

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	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

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	11/14/2022	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	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 77.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.8 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 8 (H225359-51)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	11/14/2022	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	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.2 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 9 (H225359-52)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/14/2022	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	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 88.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 10 (H225359-53)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/14/2022	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	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 11 (H225359-54)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/14/2022	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	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 12 (H225359-55)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	11/14/2022	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	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 13 (H225359-56)**

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>7840</b>	16.0	11/14/2022	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*	<50.0	50.0	11/12/2022	ND	207	104	200	5.50	
<b>DRO &gt;C10-C28*</b>	<b>1730</b>	50.0	11/12/2022	ND	194	97.0	200	0.931	
<b>EXT DRO &gt;C28-C36</b>	<b>498</b>	50.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 151 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 14 (H225359-57)**

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	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2220	16.0	11/14/2022	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	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 15 (H225359-58)**

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	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	11/14/2022	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	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 78.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 16 (H225359-59)**

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	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/14/2022	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	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.4 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 17 (H225359-60)**

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	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	11/14/2022	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	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.3 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 18 (H225359-61)**

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	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-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	11/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 86.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 19 (H225359-62)**

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	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 69.9-140

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	11/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 113 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 20 (H225359-63)**

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	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 70.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 21 (H225359-64)**

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	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	688	16.0	11/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/11/2022	Sampling Date:	11/10/2022
Reported:	11/16/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 22 (H225359-65)**

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	11/12/2022	ND	1.91	95.6	2.00	1.96	
Toluene*	<0.050	0.050	11/12/2022	ND	2.12	106	2.00	1.47	
Ethylbenzene*	<0.050	0.050	11/12/2022	ND	1.97	98.7	2.00	0.922	
Total Xylenes*	<0.150	0.150	11/12/2022	ND	5.91	98.4	6.00	1.04	
Total BTEX	<0.300	0.300	11/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	11/14/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/12/2022	ND	207	104	200	5.50	
DRO >C10-C28*	<10.0	10.0	11/12/2022	ND	194	97.0	200	0.931	
EXT DRO >C28-C36	<10.0	10.0	11/12/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
A-01 CCV failed high. All samples ND.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
\*\* Samples not received at proper temperature of 6°C or below.
\*\*\* Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: HA25359

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	Longview Fed 12-15H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	48hrs
Project Number:	226296	Due Date:	TAT starts the day received by the lab, if received by 4:30pm	
Project Location:	Eddy Co, NM	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Sampler's Name:	Kellan Smith	Thermometer ID:	113	
PO #:	21064610	Correction Factor:	-0.6°C	
SAMPLE RECEIPT		Temperature Reading:	-6.1°C	
Received Inlet:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	-6.7°C	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Total Containers:				

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Pres. Code	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS - 21 (4')	11/10/22				Comp		BTEX 8021B			None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NASO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
CS - 22 (4')							TPH 8015M ( GRO + DRO + MRO)				
CS - 23 (4')							Chloride 4500				
CS - 24 (4')											
CS - 25 (4')											
CS - 26 (4')											
CS - 27 (4')											
CS - 28 (4')											
CS - 29 (4')											
CS - 30 (4')											

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	11-11-22 11:45			



Chain of Custody

Work Order No: H225359

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	Lasview Fed 12-15 H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		
Project Number:	226296	Due Date:				
Project Location:	Gddy Co, NM	TAT starts the day received by the lab, if received by 4:30pm				
Sampler's Name:	W. H. Smith					
PO #:	21064010					
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes	No	Wet Ice:	Yes	No
Received In tact:		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		Thermometer ID:	113
Cooler Custody Seals:		<input type="checkbox"/> Yes	<input type="checkbox"/> No		Correction Factor:	-0.6°C
Sample Custody Seals:		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No		Temperature Reading:	-6.1°C
Total Containers:					Corrected Temperature:	-6.7°C

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	
CS-31 (4)	11/10/22									
CS-32										
CS-33										
CS-34										
CS-35										
CS-36										
CS-37										
CS-38										
CS-39										
CS-40										

Additional Comments:

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Chain of Custody

Work Order No: HA25368

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	Langston Fed 12-15H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush 48	Pres. Code	ANALYSIS REQUEST	Preservative Codes
Project Number:	226 296	Due Date:	TAT starts the day received by the lab, if received by 4:30pm			None: NO DI Water: H <sub>2</sub> O
Project Location:	Sully Co, NM					Cool: Cool MeOH: Me
Sampler's Name:	Leila Smith					HCL: HC HNO <sub>3</sub> : HN
PO #:	210 C4016					H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:		Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:		Zn Acetate+NaOH: Zn
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					NaOH+Ascorbic Acid: SAPC
Total Containers:						

Sample Identification	Date	Time	Soil	Water	Grab/ (grab)	# of Cont	Parameters	Sample Comments
CS - 41 (4')	11/10/22						BTEX 8021B	
CS - 42							TPH 8015M ( GRO + DRO + MRO)	
CS - 43							Chloride 4500	
CS - 44								
CS - 45								
CS - 46								
CS - 47								
CS - 48								
CS - 49								
CS - 50								

Additional Comments:

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<i>[Signature]</i>	<i>[Signature]</i>	11-11-22 1145			



Chain of Custody

Work Order No: H225359

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	Logview Fed 12-15H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	48	Pres. Code	
Project Number:	226296	Due Date:	TAT starts the day received by the lab, if received by 4:30pm			
Project Location:	Edgy Coy NM	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113	
Sampler's Name:	Edgy Coy NM	Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Correction Factor:	-0.6%	
PO #:	21664016	Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	Temperature Reading:	-6.1%	
SAMPLE RECEIPT		Total Containers:	Corrected Temperature:	-6.2%		

Sample Identification	Date	Time	Soil	Water	Grab/ pump	# of Cont	Parameters	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-S1 (4')	11/10/22						BTEX 8021B		HOLD	
CS-S2							TPH 8015M ( GRO + DRO + MRO)			
CS-S3							Chloride 4500			
CS-S4										
CS-S5										
CS-S6										
CS-S7										
CS-S8										
CS-S9										
CS-S10										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	11-11-22 1145			



Chain of Custody

Work Order No: HA235359

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	Lasview Fed 12-15H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	48	Pres. Code	
Project Number:	726296	Due Date:	TAT starts the day received by the lab, if received by 4:30pm			
Project Location:	Edley Co NM	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Sampler's Name:	Ethan Sessums	Thermometer ID:	113			
PO #:	71064010	Correction Factor:	-0.66			
SAMPLE RECEIPT		Temperature Reading:	-6.12			
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:	-6.72			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Total Containers:						

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters			Sample Comments
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	Chloride 4500	
CS-C1 (4')	11/10/22									
CS-C2										
CS-C3										
CS-C4										
CS-C5										
CS-C6										
CS-C7										
CS-C8										
CS-C9										
CS-C10										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11-11-22 1145			

Revised Date 05/12/2001 Rev. 2020.1



Chain of Custody

Work Order No: HAAS359

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters		ANALYSIS REQUEST	Preservative Codes	Sample Comments
							BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)			
SW-8	11/01/22										
SW-9											
SW-10											
SW-11											
SW-12											
SW-13											
SW-14											
SW-15											
SW-16											
SW-17											

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time

Revised Date 05/01/2020 Rev. 2020.1



Chain of Custody

Work Order No: HA25359

Page 1 of 1

Page 74 of 74

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	Project Number:	Project Location	Sampler's Name:	PO #:	Turn Around		Parameters	ANALYSIS REQUEST	Preservative Codes
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush			
Logistics Fed	226296	Edhy Co, NM	KITH Smith	21044010	<input type="checkbox"/> Wet Ice	<input checked="" type="checkbox"/> Yes	BTEX 8021B		None: NO
Temp Blank:					<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	TPH 8015M ( GRO + DRO + MRO)		DI Water: H <sub>2</sub> O
Received Intact:					<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Chloride 4500		Cool: Cool
Cooler Custody Seals:					<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			HCL: HC
Sample Custody Seals:					<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			H <sub>2</sub> S0 <sub>4</sub> : H <sub>2</sub>
Total Containers:					<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			H <sub>3</sub> PO <sub>4</sub> : HP
					<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			NaHSO <sub>4</sub> : NABIS
					<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>
					<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			Zn Acetate+NaOH: Zn
					<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No			NaOH+Ascorbic Acid: SAPC
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont			Sample Comments
SW-18	11/1/22								
SW-19									
SW-20									
SW-21									
SW-22									

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		11-11-22 11:45			



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November 30, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LONGVIEW FED 12-15 H

Enclosed are the results of analyses for samples received by the laboratory on 11/29/22 10:45.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 23 (5') (H225577-01)**

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	11/29/2022	ND	1.98	99.1	2.00	5.18		
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16		
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04		
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56		
Total BTEX	<0.300	0.300	11/29/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/29/2022	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41		
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50		
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND						

Surrogate: 1-Chlorooctane 99.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: CS - 49 (5') (H225577-02)**

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	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 87.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 23 (H225577-03)**

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	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>80.0</b>	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 24 (H225577-04)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 25 (H225577-05)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18		
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16		
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04		
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56		
Total BTEX	<0.300	0.300	11/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41		
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50		
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND						

Surrogate: 1-Chlorooctane 92.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 26 (H225577-06)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.8 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 27 (H225577-07)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 99.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 28 (H225577-08)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.1 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 29 (H225577-09)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 79.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 30 (H225577-10)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>64.0</b>	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 82.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 31 (H225577-11)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 32 (H225577-12)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 33 (H225577-13)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 34 (H225577-14)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 35 (H225577-15)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/29/2022	ND	1.98	99.1	2.00	5.18		
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16		
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04		
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56		
Total BTEX	<0.300	0.300	11/29/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/29/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41		
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50		
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND						

Surrogate: 1-Chlorooctane 96.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	11/29/2022	Sampling Date:	11/28/2022
Reported:	11/30/2022	Sampling Type:	Soil
Project Name:	LONGVIEW FED 12-15 H	Sampling Condition:	Cool & Intact
Project Number:	226296	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 36 (H225577-16)**

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	11/29/2022	ND	1.98	99.1	2.00	5.18	
Toluene*	<0.050	0.050	11/29/2022	ND	2.15	107	2.00	5.16	
Ethylbenzene*	<0.050	0.050	11/29/2022	ND	2.19	109	2.00	5.04	
Total Xylenes*	<0.150	0.150	11/29/2022	ND	6.66	111	6.00	4.56	
Total BTEX	<0.300	0.300	11/29/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/29/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/29/2022	ND	220	110	200	5.41	
DRO >C10-C28*	<10.0	10.0	11/29/2022	ND	202	101	200	5.50	
EXT DRO >C28-C36	<10.0	10.0	11/29/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.1 % 46.3-178

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Notes and Definitions

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

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*Celey D. Keene*

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: 14225577

Page 1 of 2

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

Bill to: (if different)  
 Company Name: Wesley Mathews  
 Address: Devon Energy  
 City, State ZIP: 6488 Seven Rivers Highway  
 Artesia, NM 88210

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

Project Name:	Turn Around		Pres. Code	ANALYSIS REQUEST			Preservative Codes
	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)	
Project Number: 226296	30-Nov		24				None: NO Cool: Cool HCL: HC H <sub>2</sub> S <sub>0</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Project Location: Eddy Co, NM	TAT starts the day received by the lab, if received by 4:30pm						
Sampler's Name: Kellan Smith							
PO #: 21064010							
<b>SAMPLE RECEIPT</b>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				
Received In tact:	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	113				
Cooler Custody Seals:	Correction Factor:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	-0.6%				
Sample Custody Seals:	Temperature Reading:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	-12.0%				
Total Containers:	Corrected Temperature:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	-12.6%				
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments
CS-23 (5')	11/28/2022		X		Comp	X	
CS-49 (5')	11/28/2022		X		Comp	X	
SW-23	11/28/2022		X		Comp	X	
SW-24	11/28/2022		X		Comp	X	
SW-25	11/28/2022		X		Comp	X	
SW-26	11/28/2022		X		Comp	X	
SW-27	11/28/2022		X		Comp	X	
SW-28	11/28/2022		X		Comp	X	
SW-29	11/28/2022		X		Comp	X	
SW-30	11/28/2022		X		Comp	X	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	11-29-22 1045			



Chain of Custody

Work Order No: H2255772

Page 2 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around		Pres. Code	ANALYSIS REQUEST			Preservative Codes	
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush		Due Date:	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO)		Chloride 4500
Longview Federal 12-15H	226296	Eddy Co, NM	Kellan Smith	21064010	<input checked="" type="checkbox"/>	30-Nov						
SAMPLE RECEIPT				Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters				
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113		Correction Factor:	-0.6°C		HOLD				
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	-18.0°C		Corrected Temperature:	-18.6°C						
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>											
Total Containers:												
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont						Sample Comments
SW-31	11/28/2022		X		Comp	X	X	X	X	X		
SW-32	11/28/2022		X		Comp	X	X	X	X	X		
SW-33	11/28/2022		X		Comp	X	X	X	X	X		
SW-34	11/28/2022		X		Comp	X	X	X	X	X		
SW-35	11/28/2022		X		Comp	X	X	X	X	X		
SW-36	11/28/2022		X		Comp	X	X	X	X	X		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	11-29-22 10:45			

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

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

CONDITIONS

Action 177004

**CONDITIONS**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 177004
	Action Type: [C-141] Release Corrective Action (C-141)

**CONDITIONS**

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2221429648 LONGVIEW FEDERAL 12 #015H, thank you. This closure is approved.	5/16/2023