

Incident ID	nAPP2221327186
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: 1/6/2023
 email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 01/06/2023

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: 5/9/2023
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Incident ID	nAPP2221327186
District RP	
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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
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not 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
- Topographic/Aerial maps
- Laboratory data including chain of custody

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.

State of New Mexico
Oil Conservation Division

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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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 email: dale.woodall@dvn.com Telephone: 575-748-1838

OCD Only

Received by: Jocelyn Harimon Date: 01/06/2023

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

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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

January 3, 2023

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

Re: Closure Report
Longview Federal 12 #004H
Unit A, S12, T23S, R28E
Site Coordinates: 32.326130, -104.033125
Eddy County, New Mexico
Incident ID: nAPP2221327186

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 #004H (Site). The Site is located approximately 4.6 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 July 31, 2022. The release resulted from the wellhead releasing approximately 7.5 barrels (bbls) of produced water; 2 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 are no 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 0.57 miles west 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): 100 mg/kg.
- Chloride: 600 mg/kg

Mr. Mike Bratcher
January 3, 2023
Page 2 of 2

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 three sample points (S-1 through S-3), 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 1 ft depth intervals from depths ranging from 0 – 3.5 ft below ground surface (bgs) with a geotechnical hand auger. Sample locations from NTGE's assessment activities are shown on Figure 3. Analytical results from NTGE's assessment (attached), indicated that chloride and total petroleum hydrocarbons (TPH) 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 3ft and 4.5ft. bgs within the release area. The excavation area is illustrated on Figure 4.

A total of 29 confirmation samples were collected from the excavation base (CS1 – CS29) and 9 confirmation samples were collected from the excavation sidewalls (SW1 – SW9) to ensure impacted soils were successfully removed. Analytical results indicated that 15 of the confirmation samples and 6 of the sidewall samples were above the regulatory limits and the area would require further excavation.

After further excavation the area was re-sampled and 3 additional confirmation samples were collected from the excavation base (CS-30 – CS-32). As well as 6 additional confirmation samples were collected from the excavation sidewalls (SW-10 – SW-15). 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.

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.

Mr. Mike Bratcher
January 3, 2023
Page 3 of 2

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

Ethan Sessums

From: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Sent: Tuesday, October 25, 2022 9:41 AM
To: Ethan Sessums; Enviro, OCD, EMNRD
Cc: Hamlet, Robert, EMNRD
Subject: RE: [EXTERNAL] Ground Water Requirements

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

Ethan,

Sorry, I was looking at the 14H instead of the 4H. The incident number is nAPP2221327186. You are approved to utilize the boring advanced on the Longview Federal 12-15H that indicated no groundwater at 55', for this release.

I note that there are currently two other open incidents on the 4H. One from 2016 and one from 2020. It would be good to get them all closed out while there is equipment mobilized to the site. If you would prefer I reach out to Devon on those two, let me know.

Thanks,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@emnrd.nm.gov *NOTE NEW EMAIL ADDRESS*
<http://www.emnrd.state.nm.us/OCD/>



From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Tuesday, October 25, 2022 8:56 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: Re: [EXTERNAL] Ground Water Requirements

Longview 12-15H (napp2221429648) is the site with the well, regarding the other site Longview 12-4H (napp221327186)

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

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

From: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Sent: Tuesday, October 25, 2022 8:47:06 AM
To: Ethan Sessums <ESessums@ntglobal.com>; Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Subject: RE: [EXTERNAL] Ground Water Requirements

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

Ethan,

Please send me the incident number you are working on at the 14H.

Thanks,

Mike Bratcher • Incident Supervisor
Environmental Bureau
EMNRD - Oil Conservation Division
506 W. Texas Ave | Artesia, NM 88210
(575) 626-0857 | mike.bratcher@emnrd.nm.gov *NOTE NEW EMAIL ADDRESS*
<http://www.emnrd.state.nm.us/OCD/>



From: Ethan Sessums <ESessums@ntglobal.com>
Sent: Monday, October 24, 2022 1:49 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: [EXTERNAL] Ground Water Requirements

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

Mike as mentioned earlier I have two sites located across the road from each other, of which one has a ground water determination bore that was installed on the pad.

I was wondering with the distance between the two sites being (0.52 miles) if we could perhaps get some sort of a variance to utilize the data characterized in 2020?

Feel free to reach out with any questions!

Thanks,

Ethan Sessums

Ethan Sessums

From: Kellan Smith
Sent: Monday, October 31, 2022 3:53 PM
To: ocd.enviro@state.nm.us
Cc: Ethan Sessums; Jordan Tyner
Subject: Sampling Event

New Tech Global Environmental will be conducting a sampling event on behalf of Devon Energy Corporation. This event will take place on Wednesday, November 2nd, 2022, at around 10am.

nAPP2221327186	Longview Federal 12-4H	7/31/2022
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Kellan Smith
Staff Scientist
NTGE New Mexico
402 E Wood Ave, Carlsbad, NM 88220
W: (832) 374-0004
Email: KSmith@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

Ethan Sessums

From: Ethan Sessums
Sent: Thursday, November 10, 2022 8:33 AM
To: New Mexico OCD
Subject: Sampling Event

New Tech Global Environmental will be conducting a sampling event on behalf of Devon Energy Corporation. This event will take place on, November 14th, 2022, at around 10am.

nAPP2221327186	Longview Federal 12-4H	7/31/2022
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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

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

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

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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.
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Printed Name: _____ Title: _____ Signature: <u><i>Kendra Ruiz</i></u> Date: _____ email: _____ Telephone: _____
<u>OCD Only</u> Received by: <u>Jocelyn Harimon</u> Date: <u>08/15/2022</u>

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- 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: 1/6/2023
 email: dale.woodall@dnv.com Telephone: 575-748-1838

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2221327186
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: 1/6/2023
 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: _____

NAPP2221327186

Spill Volume(Bbls) Calculator	
<i>Inputs in blue, Outputs in red</i>	
Contaminated Soil measurement	
Area (square feet)	Depth(inches)
<u>2328.82</u>	<u>0.750</u>
Cubic Feet of Soil Impacted	<u>145.551</u>
Barrels of Soil Impacted	<u>25.94</u>
Soil Type	<u>Sand</u>
Barrels of Oil Assuming 100% Saturation	<u>5.19</u>
Saturation	<u>Fluid present when squeezed</u>
Estimated Barrels of Oil Released	<u>2.59</u>
Free Standing Fluid Only	
Area (square feet)	Depth(inches)
<u>1255.026</u>	<u>0.125</u>
Standing fluid	<u>2.330</u>
<u>Total fluids spilled</u>	<u>7.519</u>

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 134003

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 134003
	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 #004 H
Sec 12 T23S R28E Unit A
32.325939°N, -104.033104°W
Eddy County, New Mexico

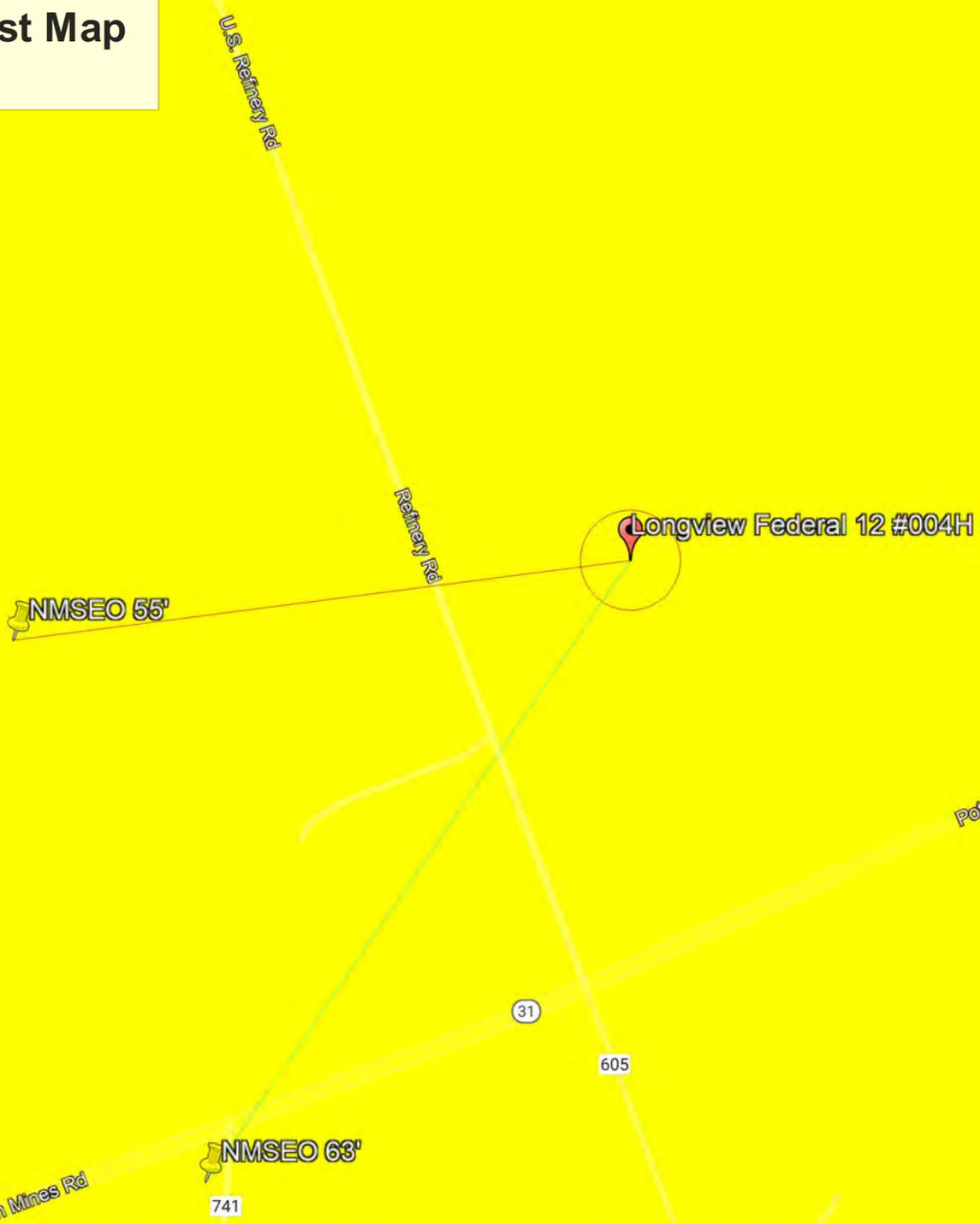
Site Characterizations

- 0 water features within specified distances of 1/2 mile radius
- Medium Karst
- NMSEO Groundwater is '55 below surface, .57 miles Southeast of the site, 2020 Drilled, Sec 12 T23S R28E
- NMSEO Groundwater is '63 below surface, 86 feet Southeast of the site, 2021 Drilled, Sec 12 T23S R28E

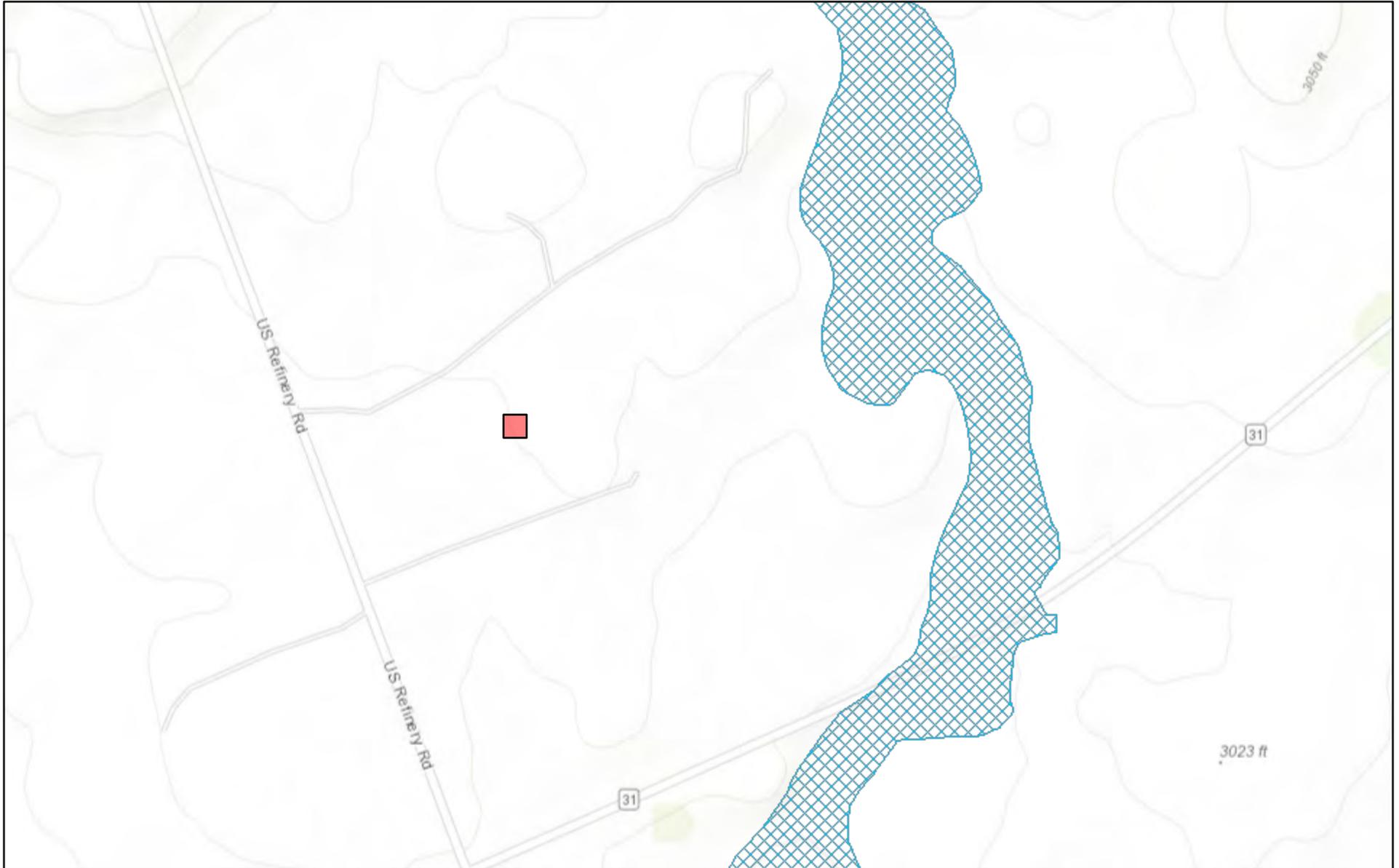
Medium Karst Map

Legend

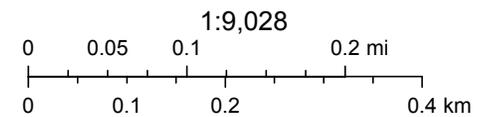
-  .57 Mile
-  .68 Mile
-  Longview Federal 12 #004H
-  MEDIUM



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,

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

Longview Fed. 8.2022

Radius and Well Map

Legend

-  .57 Mile
-  .68 Mile
-  Longview Federal 12 #004H
-  NMSEO Well Sites





New Mexico Office of the State Engineer Point of Diversion Summary

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

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tw	Rng	X	Y
NA	C 04418 POD1	4	2	1	12	23S	28E	590104	3576851 

x

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

x

Casing Perforations:	Top	Bottom
	0	45
	45	55

x

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

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

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

Casing Perforations:	Top	Bottom
	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

TABLE

**Table 1 - Soil Delineation Samples
Devon Energy Production Company
Longview Federal 12-4H
Eddy County, New Mexico**

Sample ID	Date	Sample Depth	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX	Chlorides (mg/kg)	
			DRO	GRO	MRO	Total							
S-1	9/15/2022	(0-1')	1,230	<10.0	249	1,479	<0.050	<0.050	<0.050	<0.150	<0.300	11,500	
S-2	9/15/2022	(0-1')	1,080	<10.0	253	1,333	<0.050	<0.050	<0.050	<0.150	<0.300	3,520	
	9/15/2022	(1'-1.5')	51.7	<10.0	21.5	73.2	<0.050	<0.050	<0.050	<0.150	<0.300	2,680	
	9/15/2022	(2'-2.5')	177	<10.0	38.3	215.3	<0.050	<0.050	<0.050	<0.150	<0.300	1,120	
	9/15/2022	(3'-3.5')	<10.0	<10.0	<10.0	<50.0	<0.050	<0.050	<0.050	<0.150	<0.300	272	
S-3	9/15/2022	(0-1')	1,930	<10.0	362	2,292	<0.050	<0.050	<0.050	<0.150	<0.300	3,920	
	9/15/2022	(1'-1.5')	97	<10.0	30.3	127.3	<0.050	<0.050	<0.050	<0.150	<0.300	5,600	
H-1	9/15/2022	(0-1')	50.3	<10.0	<10.0	50.3	<0.050	<0.050	<0.050	<0.150	<0.300	960	
H-2	9/15/2022	(0-1')	119	<10.0	24.5	143.5	<0.050	<0.050	<0.050	<0.150	<0.300	1,120	
H-3	9/15/2022	(0-1')	<10.0	<10.0	<10.0	<50.0	<0.050	<0.050	<0.050	<0.150	<0.300	12,000	
H-4	9/15/2022	(0-1')	<10.0	<10.0	<10.0	<50.0	<0.050	<0.050	<0.050	<0.150	<0.300	288	
H-5	9/15/2022	(0-1')	<10.0	<10.0	<10.0	<50.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,600	
H-6	9/15/2022	(0-1')	52.9	<10.0	<10.0	52.9	<0.050	<0.050	<0.050	<0.150	<0.300	4,160	
Regulatory Limits ^A							100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
(-) Not Analyzed ^A - Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH- total petroleum hydrocarbons ft-feet  - exceeds regulatory limits													

**Table 2 - Soil Confirmation Samples - Remedial Action Activities
Devon Energy Production Company
Longview Federal 12-4H
Eddy County, New Mexico**

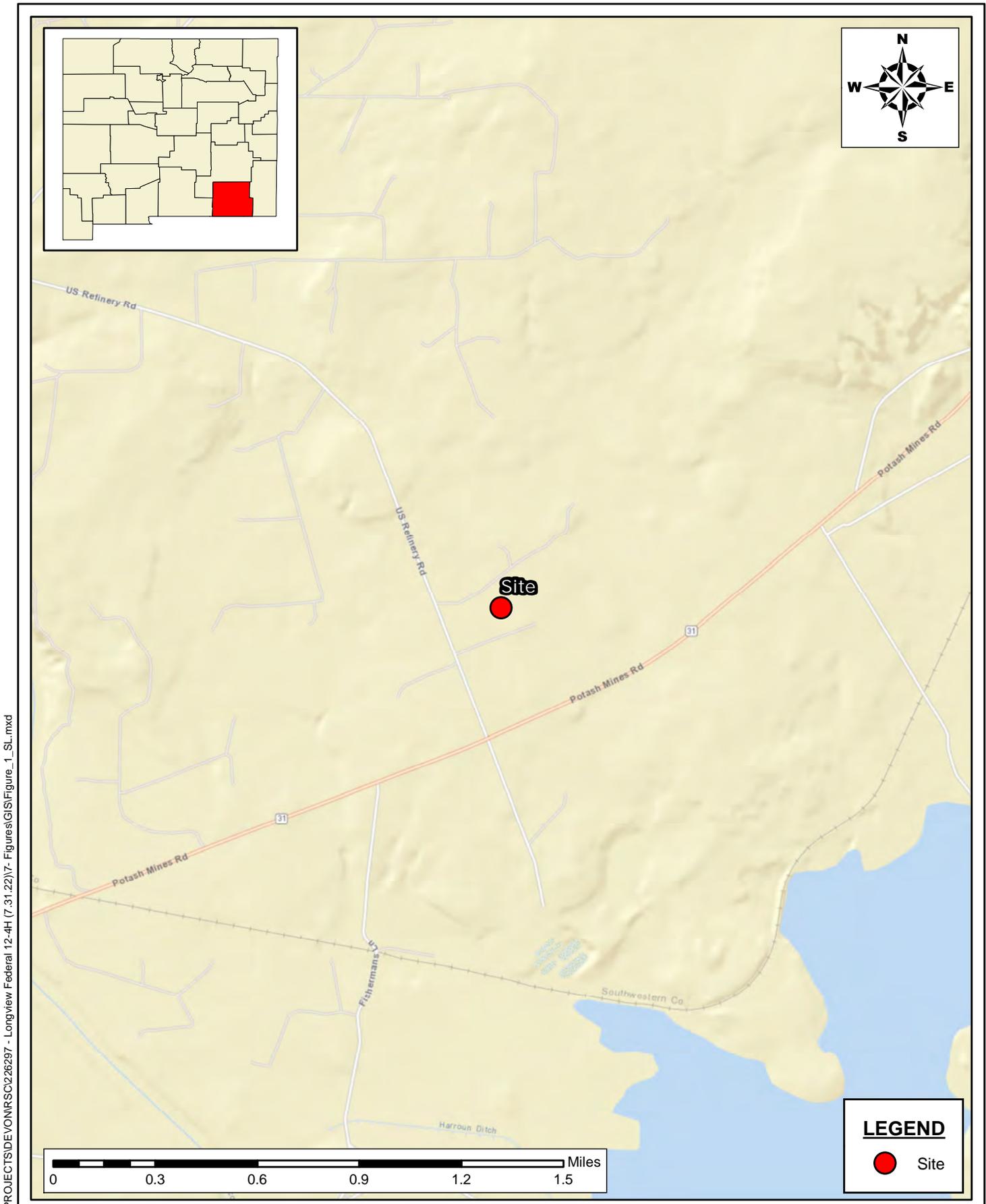
Sample ID	Date	Sample Depth	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX	Chlorides (mg/kg)
			DRO	GRO	MRO	Total						
CS-1	11/2/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	800
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-2	11/2/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	368
CS-3	11/2/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-4	11/2/2022	2'	10.4	<10.0	<10.0	10.4	<0.050	<0.050	<0.050	<0.150	<0.300	592
CS-5	11/2/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	480
CS-6	11/2/2022	2'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	544
CS-7	11/2/2022	2'	18.7	<10.0	<10.0	18.7	<0.050	<0.050	<0.050	<0.150	<0.300	576
CS-8	11/2/2022	2'	109	<10.0	31.8	140.8	<0.050	<0.050	<0.050	<0.150	<0.300	1,460
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	528
CS-9	11/2/2022	2'	95	<10.0	26.3	121.3	<0.050	<0.050	<0.050	<0.150	<0.300	1,300
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
CS-10	11/2/2022	2'	319	<10.0	67	386	<0.050	<0.050	<0.050	<0.150	<0.300	2,080
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	32
CS-11	11/2/2022	2'	293	<10.0	79.1	372.1	<0.050	<0.050	<0.050	<0.150	<0.300	7,360
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	128
CS-12	11/2/2022	2'	112	<10.0	24.4	136.4	<0.050	<0.050	<0.050	<0.150	<0.300	1,840
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-13	11/2/2022	2'	19.2	<10.0	<10.0	19.2	<0.050	<0.050	<0.050	<0.150	<0.300	288
CS-14	11/2/2022	2'	176	<10.0	42.9	218.9	<0.050	<0.050	<0.050	<0.150	<0.300	960
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	176
CS-15	11/2/2022	2'	185	<10.0	42.4	227.4	<0.050	<0.050	<0.050	<0.150	<0.300	752
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-16	11/2/2022	2'	967	<10.0	155	1,122	<0.050	<0.050	<0.050	<0.150	<0.300	1,380
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-17	11/2/2022	2'	57.5	<10.0	16.9	74.4	<0.050	<0.050	<0.050	<0.150	<0.300	1,440
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80
CS-18	11/2/2022	2'	39	<10.0	<10.0	39	<0.050	<0.050	<0.050	<0.150	<0.300	2,000
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	448
CS-19	11/2/2022	2'	98.7	<10.0	33.3	132	<0.050	<0.050	<0.050	<0.150	<0.300	2,800
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	352
CS-20	11/2/2022	2'	460	<10.0	101	561	<0.050	<0.050	<0.050	<0.150	<0.300	4,640
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	320
CS-21	11/2/2022	3.5'	12.9	<10.0	<10.0	12.9	<0.050	<0.050	<0.050	<0.150	<0.300	192
CS-22	11/2/2022	3.5'	30.9	<10.0	<10.0	30.9	<0.050	<0.050	<0.050	<0.150	<0.300	400
CS-23	11/2/2022	3.5'	15.7	<10.0	<10.0	15.7	<0.050	<0.050	<0.050	<0.150	<0.300	672
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	64
CS-24	11/2/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,300
	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-25	11/2/2022	3.5'	16.9	<10.0	<10.0	16.9	<0.050	<0.050	<0.050	<0.150	<0.300	224
CS-26	11/2/2022	3.5'	69.3	<10.0	24.2	93.5	<0.050	<0.050	<0.050	<0.150	<0.300	416
CS-27	11/2/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	112
CS-28	11/2/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48
CS-29	11/2/2022	3.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	256
CS-30	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	144
CS-31	11/14/2022	4.5'	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-1	11/2/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-2	11/2/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	3,760
SW-3	11/2/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	160
SW-4	11/2/2022	-	35.8	<10.0	<10.0	35.8	<0.050	<0.050	<0.050	<0.150	<0.300	2,080
SW-5	11/2/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	976
SW-6	11/2/2022	-	245	<10.0	34.6	279.6	<0.050	<0.050	<0.050	<0.150	<0.300	4,240
SW-7	11/2/2022	-	59.8	<10.0	<10.0	59.8	<0.050	<0.050	<0.050	<0.150	<0.300	272
Regulatory Limits^A						100 mg/kg	10 mg/kg			50 mg/kg	600 mg/kg	

(-) Not Analyzed
^A - Table 1 - 19.15.29 NMAC
mg/kg - milligram per kilogram
TPH- total petroleum hydrocarbons
ft-feet
- exceeds regulatory limits

**Table 2 - Soil Confirmation Samples - Remedial Action Activities
Devon Energy Production Company
Longview Federal 12-4H
Eddy County, New Mexico**

Sample ID	Date	Sample Depth	TPH (mg/kg)				Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene (mg/kg)	Xylene (mg/kg)	Total BTEX	Chlorides (mg/kg)	
			DRO	GRO	MRO	Total							
SW-8	11/2/2022	-	53.2	<10.0	20.1	73.3	<0.050	<0.050	<0.050	<0.150	<0.300	1,230	
SW-9	11/2/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	1,470	
SW-10	11/14/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	48	
SW-11	11/14/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80	
SW-12	11/14/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	80	
SW-13	11/14/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	192	
SW-14	11/14/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	96	
SW-15	11/14/2022	-	<10.0	<10.0	<10.0	<10.0	<0.050	<0.050	<0.050	<0.150	<0.300	208	
Regulatory Limits ^A							100 mg/kg	10 mg/kg				50 mg/kg	600 mg/kg
(-) Not Analyzed ^A - Table 1 - 19.15.29 NMAC mg/kg - milligram per kilogram TPH- total petroleum hydrocarbons ft-feet  - exceeds regulatory limits													

FIGURES



Document Path: P:\2022 PROJECTS\DEVON\NRS\226297 - Longview Federal 12-4H (7.31.22)\7-Figures\GIS\Figure_1_SL.mxd

**SITE LOCATION MAP
CLOSURE REPORT**
 LONGVIEW FEDERAL 12-4H (7.31-22)
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO

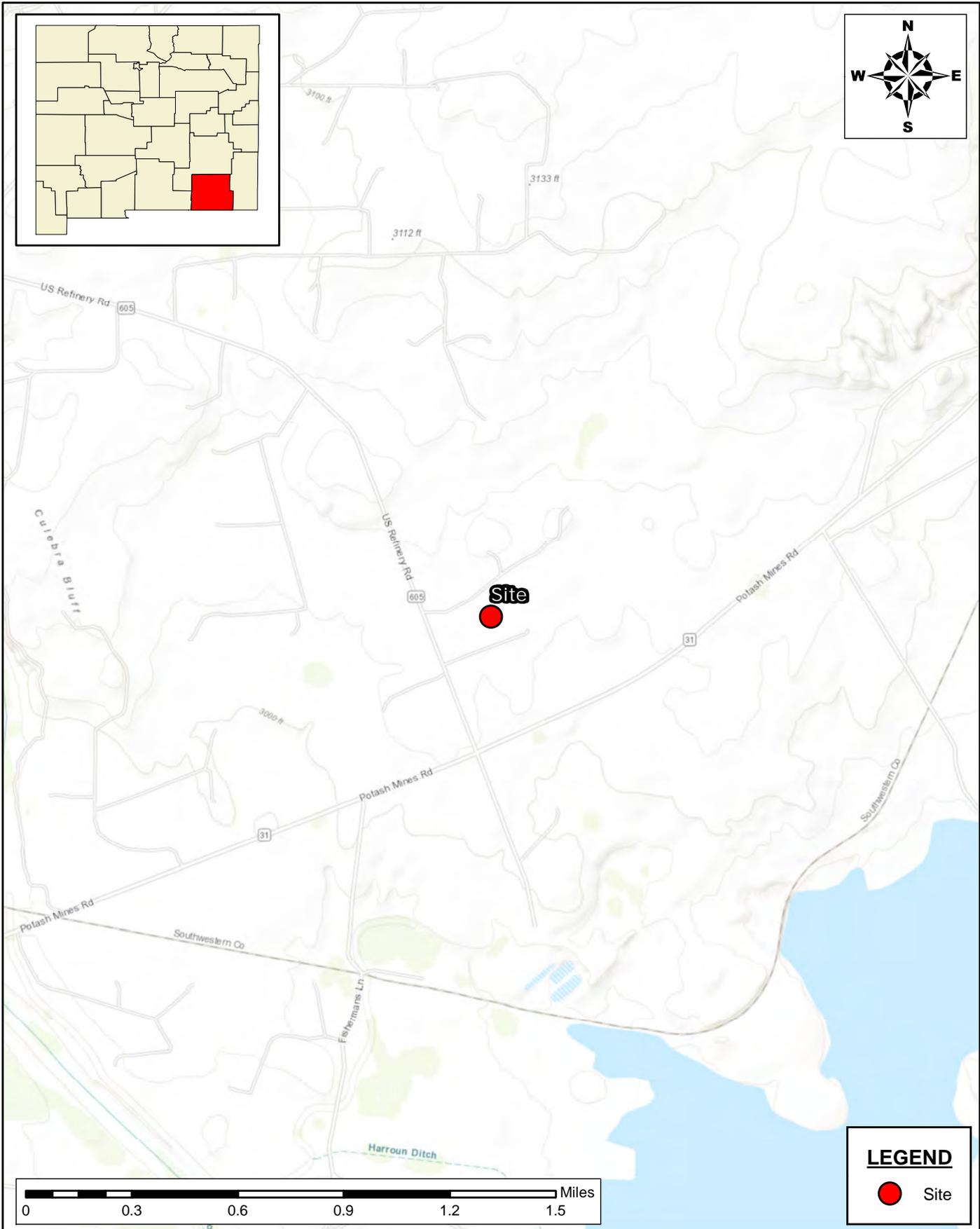
SCALE: As Shown Date: 9/20/2022 PROJECT #: 226297


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

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

DRAWING NUMBER:
FIGURE 1
 SHEET NUMBER:
1 of 1

Document Path: P:\2022 PROJECTS\DEVON\NSO\226297 - Longview Federal 12-4H (7.31.22)\7-Figures\GIS\Figure_2_SL.mxd



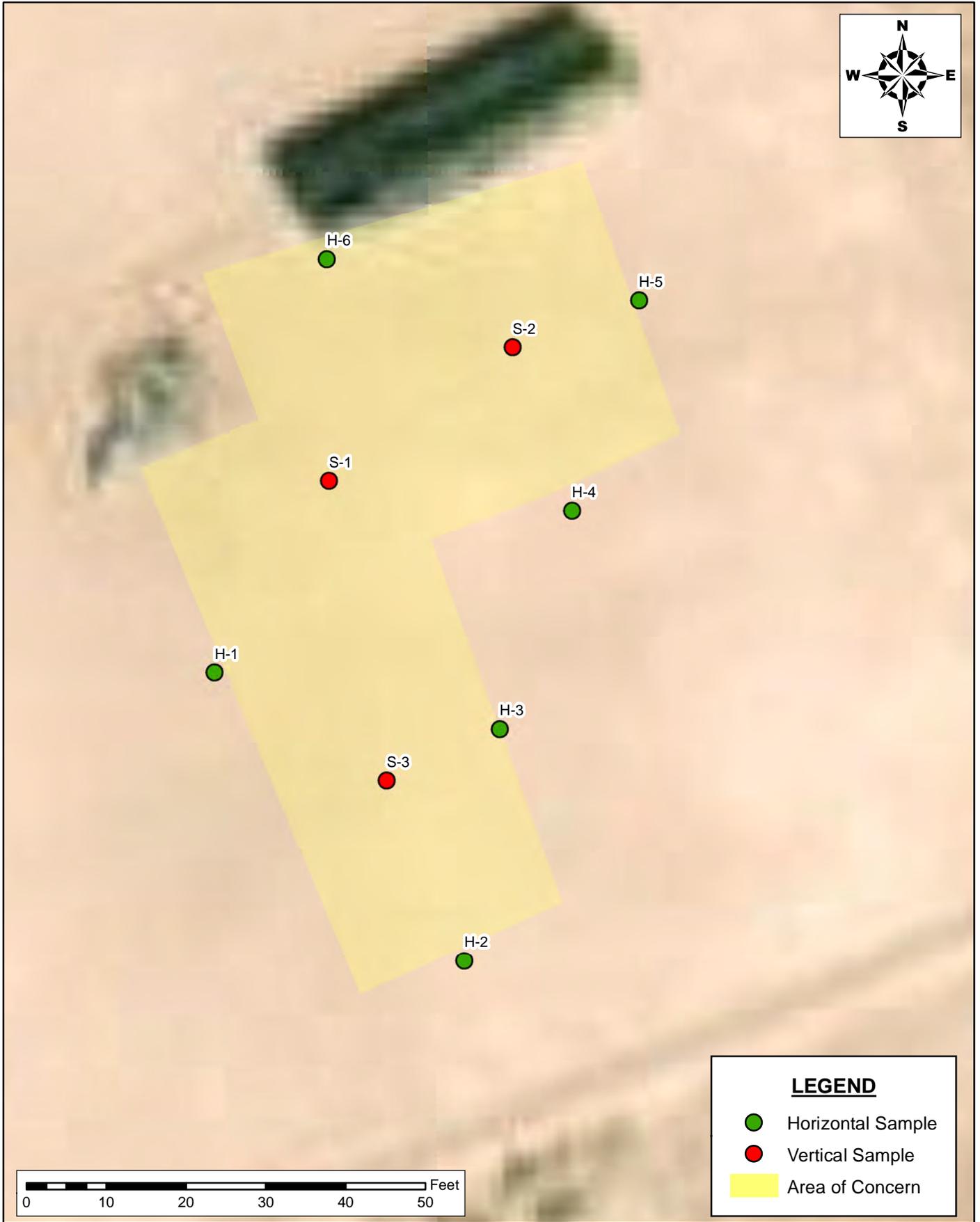
**SITE LOCATION MAP
CLOSURE REPORT**
 LONGVIEW FEDERAL 12-4H (7.31-22)
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO


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

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

DRAWING NUMBER:
FIGURE 2
 SHEET NUMBER:
1 of 1

SCALE: As Shown Date: 9/20/2022 PROJECT #: 226297



Document Path: P:\2022 PROJECTS\DEVON\IRSO\226297 - Longview Federal 12-4H (7.31.22)\7-Figures\GIS\Figure_3_AOC_DH.mxd

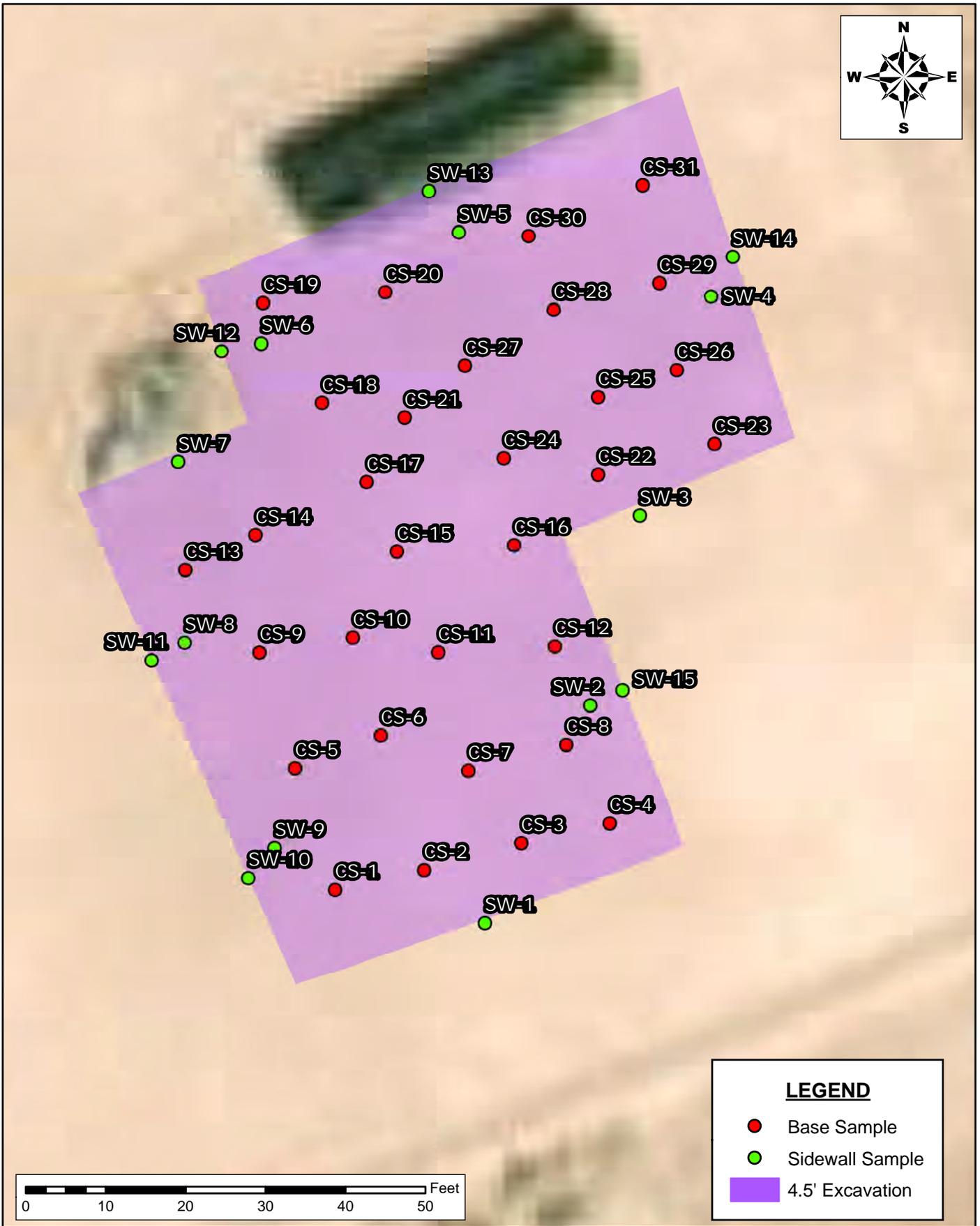
**ASSESSMENT MAP
CLOSURE REPORT**
 LONGVIEW FEDERAL 12-4H (7.31.22)
 DEVON ENERGY PRODUCTION COMPANY, LLC
 EDDY COUNTY, NEW MEXICO

SCALE: As Shown	Date: 1/6/2023	PROJECT #: 226297
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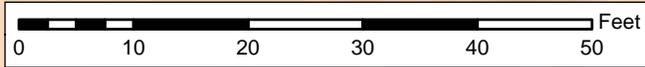

New Tech Global Environmental, LLC
 911 Regional Park Drive
 Houston, Texas 77060
 T - 281.872.9300
 F - 281.872.4521
 Web: www.ntgenvironmental.com

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

DRAWING NUMBER: FIGURE 3
SHEET NUMBER: 1 of 1



Document Path: P:\2022 PROJECTS\DEVON\IRSC\226297 - Longview Federal 12-4H (7.31.22)\7-Figures\GIS\Figure_4_CM_DH.mxd



LEGEND

- Base Sample
- Sidewall Sample
- 4.5' Excavation

**CONFIRMATION MAP
CLOSURE REPORT**
LONGVIEW FEDERAL 12-4H (7.31.22)
DEVON ENERGY PRODUCTION COMPANY, LLC
EDDY COUNTY, NEW MEXICO

SCALE: As Shown	Date: 1/6/2023	PROJECT #: 226297
-----------------	----------------	-------------------

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

NOTES:

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

DRAWING NUMBER: FIGURE 4
SHEET NUMBER: 1 of 1

PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 1

Facility: Longview Federal 12-4H
County: Eddy County, New Mexico

Description:
Area of concern.



Photograph No. 2

Facility: Longview Federal 12-4H
County: Eddy County, New Mexico

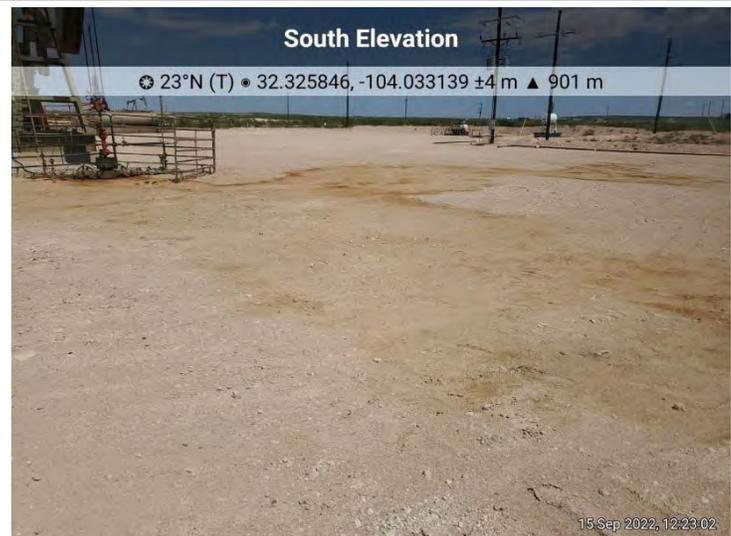
Description:
Area of concern.



Photograph No. 3

Facility: Longview Federal 12-4H
County: Eddy County, New Mexico

Description:
Area of concern.



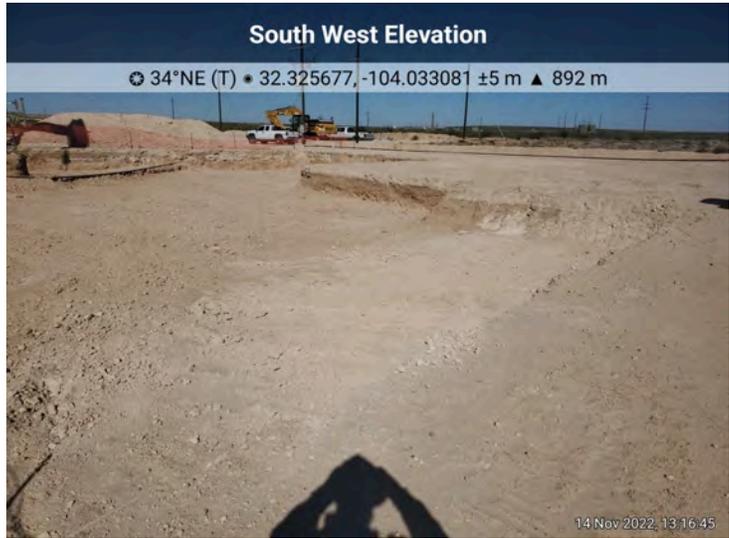
PHOTOGRAPHIC LOG

Devon Energy Production Company

Photograph No. 4

Facility: Longview Federal 12-4H
County: Eddy County, New Mexico

Description:
Final Excavation.



Photograph No. 5

Facility: Longview Federal 12-4H
County: Eddy County, New Mexico

Description:
Final Excavation.



Photograph No. 6

Facility: Longview Federal 12-4H
County: Eddy County, New Mexico

Description:
Final Excavation.



PHOTOGRAPHIC LOG

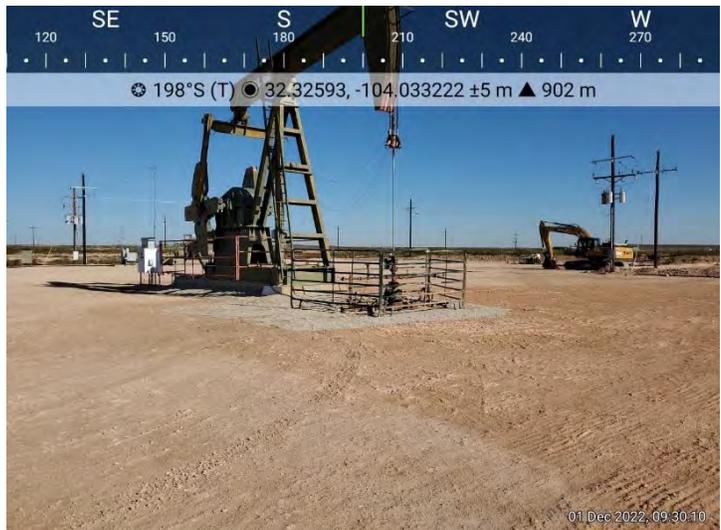
Devon Energy Production Company

Photograph No. 7

Facility: Longview Federal 12-4H

County: Eddy County, New Mexico

Description:
Back-filled site.



Photograph No. 8

Facility: Longview Federal 12-4H

County: Eddy County, New Mexico

Description:
Back-filled site.



Photograph No. 9

Facility: Longview Federal 12-4H

County: Eddy County, New Mexico

Description:
Back-filled site.



LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS



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

September 20, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LONGVIEW 12

Enclosed are the results of analyses for samples received by the laboratory on 09/15/22 15:20.

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.

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:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/20/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12	Sampling Condition:	** (See Notes)
Project Number:	DEVON	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 1 (H224282-01)

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	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/18/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	09/19/2022	ND	400	100	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	201	100	200	4.81	
DRO >C10-C28*	50.3	10.0	09/16/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	<10.0	10.0	09/16/2022	ND					

Surrogate: 1-Chlorooctane 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 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: 09/15/2022
 Reported: 09/20/2022
 Project Name: LONGVIEW 12
 Project Number: DEVON
 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 - 2 (H224282-02)

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	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/18/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 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	1120	16.0	09/19/2022	ND	400	100	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	201	100	200	4.81	
DRO >C10-C28*	119	10.0	09/16/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	24.5	10.0	09/16/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 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:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/20/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12	Sampling Condition:	** (See Notes)
Project Number:	DEVON	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 3 (H224282-03)

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	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/18/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	12000	16.0	09/19/2022	ND	400	100	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 86.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 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:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/20/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12	Sampling Condition:	** (See Notes)
Project Number:	DEVON	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 4 (H224282-04)

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	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/18/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 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	288	16.0	09/19/2022	ND	400	100	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 82.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 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:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/20/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12	Sampling Condition:	** (See Notes)
Project Number:	DEVON	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: H - 5 (H224282-05)

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	09/19/2022	ND	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/19/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/19/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/19/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/19/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	3600	16.0	09/19/2022	ND	400	100	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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*=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
 Reported: 09/20/2022
 Project Name: LONGVIEW 12
 Project Number: DEVON
 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 - 6 (H224282-06)

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	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/18/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	4160	16.0	09/19/2022	ND	400	100	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*	52.9	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 77.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.4 % 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:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/20/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12	Sampling Condition:	** (See Notes)
Project Number:	DEVON	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: S - 1 (0-1) (H224282-07)

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	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/18/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 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	11500	16.0	09/19/2022	ND	400	100	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*	1230	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	249	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 160 % 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:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/20/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12	Sampling Condition:	** (See Notes)
Project Number:	DEVON	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: S - 2 (0-1) (H224282-08)

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	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/18/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	3520	16.0	09/19/2022	ND	400	100	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*	1080	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	253	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 160 % 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:	09/20/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12	Sampling Condition:	** (See Notes)
Project Number:	DEVON	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: S - 2 (1-1.5) (H224282-09)

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	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/18/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	2680	16.0	09/19/2022	ND	400	100	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*	51.7	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	21.5	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 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:	09/20/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12	Sampling Condition:	** (See Notes)
Project Number:	DEVON	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: S - 2 (2-2.5) (H224282-10)

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	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/18/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.4 % 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	1120	16.0	09/19/2022	ND	400	100	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*	177	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	38.3	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 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:	09/15/2022	Sampling Date:	09/15/2022
Reported:	09/20/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12	Sampling Condition:	** (See Notes)
Project Number:	DEVON	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: S - 2 (3-3.5) (H224282-11)

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	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/18/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	272	16.0	09/19/2022	ND	400	100	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 84.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.2 % 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:	09/20/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12	Sampling Condition:	** (See Notes)
Project Number:	DEVON	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: S - 3 (0-1) (H224282-12)

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	1.75	87.4	2.00	8.12	
Toluene*	<0.050	0.050	09/18/2022	ND	1.89	94.5	2.00	14.7	
Ethylbenzene*	<0.050	0.050	09/18/2022	ND	1.83	91.5	2.00	16.2	
Total Xylenes*	<0.150	0.150	09/18/2022	ND	5.53	92.2	6.00	18.5	
Total BTEX	<0.300	0.300	09/18/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	3920	16.0	09/19/2022	ND	400	100	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*	1930	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	362	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 149 % 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:	09/20/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12	Sampling Condition:	** (See Notes)
Project Number:	DEVON	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: S - 3 (1-1.5) (H224282-13)

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) 90.9 % 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	5600	16.0	09/19/2022	ND	400	100	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*	97.0	10.0	09/17/2022	ND	217	108	200	12.1	
EXT DRO >C28-C36	30.3	10.0	09/17/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Notes and Definitions

- QR-04 The RPD for the BS/BSD was outside of historical limits.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

P.O. #: None

Company: Devon

Attn: Wes Matthews

Address: 1408 Fisher Road, Pithley

City: Artesia

State: NM Zip: 88010

Phone #: 254 266 5456

Fax #:

Company Name: NTGE

Project Manager: ETANA Sessums

Address: 402 E Wood Ave State: NM Zip: 85320

City: Carlsbad State: NM Zip: 85320

Phone #: 254 266 5456 Fax #:

Project #: Project Owner: Devon

Project Name: Langview 12

Project Location: Eddy County

Sampler Name: upr Lemball

FOR LAB USE ONLY

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 :				SAMPLING
<u>A224282</u>																
<u>1</u>	<u>H-1</u>		<u>6</u>			<u>X</u>								<u>9/15</u>	<u>3:20</u>	<u>BTEX</u>
<u>2</u>	<u>H-2</u>		<u>0</u>			<u>X</u>										<u>TPH</u>
<u>3</u>	<u>H-3</u>		<u>6</u>			<u>X</u>										<u>Chlorides</u>
<u>4</u>	<u>H-4</u>		<u>6</u>			<u>X</u>										
<u>5</u>	<u>H-5</u>		<u>6</u>			<u>X</u>										
<u>6</u>	<u>H-6</u>		<u>6</u>			<u>X</u>										
<u>7</u>	<u>S-1 (0+1)</u>		<u>6</u>			<u>X</u>										
<u>8</u>	<u>S-2 (0-1)</u>		<u>6</u>			<u>X</u>										
<u>9</u>	<u>S-2 (1-1.5)</u>		<u>6</u>			<u>X</u>										
<u>10</u>	<u>S-2 (2-2.5)</u>		<u>0</u>			<u>X</u>										

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Relinquished By: [Signature] Date: 9/15 Time: 3:20

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

Relinquished By: _____ Date: _____ Time: _____

Received By: _____ Date: _____ Time: _____

Delivered By: (Circle One) UPS Observed Temp. °C 26.7 Corrected Temp. °C 26.1

Sampler - UPS - Bus - Other: _____

Sample Condition: Cool Intact Yes No

Checked By: (Initials) [Signature]

Turnaround Time: _____ Standard Rush

Thermometer ID #113 Correction Factor -0.8°C Bacteria (only) Sample Condition Cool Intact Yes No

† 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

Company Name: NTGE Project Manager: Ethan Sessums Address: 402 E Wood Ave City: Carlsbad State: NM Zip: 88320 Phone #: 254 266-5456 Fax #: _____ Project #: _____ Project Owner: Debra Project Name: Longview 12 Project Location: Eddy County Sampler Name: Cyrc Camp 11		P.O. #: _____ Company: NTGE Attn: Ethan Sessums Address: 402 E Wood City: Carlsbad State: NM Zip: 88320 Phone #: 254 266-5456 Fax #: _____	
FOR LAB USE ONLY Lab I.D. Sample I.D. H224282 11 S-2 (3-3.5) 12 S-3 (0-1) 13 S-3 (1-1.5)		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV. SAMPLING DATE TIME
Relinquished By: [Signature] Relinquished Date: 9/15 Relinquished Time: 3:30		Received By: [Signature] Received Date: _____ Received Time: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____ Observed Temp. °C: 26.7 Corrected Temp. °C: 26.1		Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Checked By: [Signature] Turnaround Time: _____ Standard <input checked="" type="checkbox"/> Rush Bacteria (only) <input type="checkbox"/> <input checked="" type="checkbox"/> Add'l Phone #: _____ Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Sample Condition <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Observed Temp. °C: _____ Corrected Temp. °C: _____	
REMARKS: _____ Verbal Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No All Results are emailed. Please provide Email address: _____			

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



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

November 04, 2022

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LONGVIEW 12-4

Enclosed are the results of analyses for samples received by the laboratory on 11/02/22 14:10.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at 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 "Mike Snyder". The signature is fluid and cursive.

Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 1 (H225164-01)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	800	16.0	11/03/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.6 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 2 (H225164-02)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	368	16.0	11/03/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 3 (H225164-03)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	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	256	16.0	11/03/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.8 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 4 (H225164-04)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	592	16.0	11/03/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	10.4	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 5 (H225164-05)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	480	16.0	11/03/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.4 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 6 (H225164-06)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	544	16.0	11/03/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 92.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 7 (H225164-07)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	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	576	16.0	11/03/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	18.7	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 8 (H225164-08)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	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	1460	16.0	11/03/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	109	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	31.8	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 77.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.5 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 9 (H225164-09)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	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	1300	16.0	11/03/2022	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	11/03/2022	ND	196	97.9	200	0.950	
DRO >C10-C28*	95.0	10.0	11/03/2022	ND	184	92.0	200	0.902	
EXT DRO >C28-C36	26.3	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 10 (H225164-10)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	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	2080	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	319	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	67.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 86.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 11 (H225164-11)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 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	7360	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	293	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	79.1	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 134 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 12 (H225164-12)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	1840	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	112	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	24.4	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 13 (H225164-13)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	288	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	19.2	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 14 (H225164-14)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	960	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	176	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	42.9	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 15 (H225164-15)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	752	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	185	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	42.4	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 82.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 16 (H225164-16)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	1380	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	967	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	155	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.6 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 17 (H225164-17)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 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	1440	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	57.5	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	16.9	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 83.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.6 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 18 (H225164-18)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	2000	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	39.0	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 77.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.4 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 19 (H225164-19)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	2800	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	98.7	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	33.3	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 81.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.7 % 46.3-178

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Analytical Results For:

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

Received:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 20 (H225164-20)

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	11/03/2022	ND	1.85	92.4	2.00	2.49	
Toluene*	<0.050	0.050	11/03/2022	ND	2.21	110	2.00	3.22	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.13	106	2.00	3.70	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.45	107	6.00	3.91	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	4640	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	460	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	101	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 83.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.4 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 21 (H225164-21)

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	11/03/2022	ND	1.80	90.1	2.00	2.93	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.7 % 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	192	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	12.9	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 22 (H225164-22)

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	11/03/2022	ND	1.80	90.1	2.00	2.93		
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63		
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72		
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251		
Total BTEX	<0.300	0.300	11/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 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	400	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67		
DRO >C10-C28*	30.9	10.0	11/03/2022	ND	175	87.5	200	3.84		
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND						

Surrogate: 1-Chlorooctane 89.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.6 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 23 (H225164-23)

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	11/03/2022	ND	1.80	90.1	2.00	2.93		
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63		
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72		
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251		
Total BTEX	<0.300	0.300	11/03/2022	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	
Chloride	672	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67		
DRO >C10-C28*	15.7	10.0	11/03/2022	ND	175	87.5	200	3.84		
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND						

Surrogate: 1-Chlorooctane 90.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 24 (H225164-24)

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	11/03/2022	ND	1.80	90.1	2.00	2.93	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 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	1300	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 85.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.4 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 25 (H225164-25)

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	11/03/2022	ND	1.80	90.1	2.00	2.93		
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63		
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72		
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251		
Total BTEX	<0.300	0.300	11/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.0 % 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	224	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67		
DRO >C10-C28*	16.9	10.0	11/03/2022	ND	175	87.5	200	3.84		
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND						

Surrogate: 1-Chlorooctane 75.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.2 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 26 (H225164-26)

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	11/03/2022	ND	1.80	90.1	2.00	2.93	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.9 % 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	416	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	69.3	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	24.2	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 90.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Analytical Results For:

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

Received:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 27 (H225164-27)

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	11/03/2022	ND	1.80	90.1	2.00	2.93		
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63		
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72		
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251		
Total BTEX	<0.300	0.300	11/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.9 % 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	112	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67		
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	175	87.5	200	3.84		
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND						

Surrogate: 1-Chlorooctane 82.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.8 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 28 (H225164-28)

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	11/03/2022	ND	1.80	90.1	2.00	2.93	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251	
Total BTEX	<0.300	0.300	11/03/2022	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	48.0	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 78.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.8 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: CS - 29 (H225164-29)

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	11/03/2022	ND	1.80	90.1	2.00	2.93	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 86.7 % 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	256	16.0	11/03/2022	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	11/03/2022	ND	188	93.8	200	3.67	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	175	87.5	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 69.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 75.5 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SW - 1 (H225164-30)

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	11/03/2022	ND	1.80	90.1	2.00	2.93		
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63		
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72		
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251		
Total BTEX	<0.300	0.300	11/03/2022	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	160	16.0	11/03/2022	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	11/03/2022	ND	196	98.1	200	0.807		
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	183	91.5	200	2.23		
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND						

Surrogate: 1-Chlorooctane 82.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.3 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SW - 2 (H225164-31)

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	11/03/2022	ND	1.80	90.1	2.00	2.93		
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63		
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72		
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251		
Total BTEX	<0.300	0.300	11/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.6 % 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	3760	16.0	11/03/2022	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	11/03/2022	ND	196	98.1	200	0.807		
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	183	91.5	200	2.23		
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND						

Surrogate: 1-Chlorooctane 78.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.0 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SW - 3 (H225164-32)

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	11/03/2022	ND	1.80	90.1	2.00	2.93		
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63		
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72		
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251		
Total BTEX	<0.300	0.300	11/03/2022	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	160	16.0	11/03/2022	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	11/03/2022	ND	196	98.1	200	0.807		
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	183	91.5	200	2.23		
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND						

Surrogate: 1-Chlorooctane 84.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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Analytical Results For:

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

Received:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SW - 4 (H225164-33)

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	11/03/2022	ND	1.80	90.1	2.00	2.93		
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63		
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72		
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251		
Total BTEX	<0.300	0.300	11/03/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.2 % 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	2080	16.0	11/03/2022	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	11/03/2022	ND	196	98.1	200	0.807		
DRO >C10-C28*	35.8	10.0	11/03/2022	ND	183	91.5	200	2.23		
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND						

Surrogate: 1-Chlorooctane 88.9 % 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SW - 5 (H225164-34)

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	11/03/2022	ND	1.80	90.1	2.00	2.93	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251	
Total BTEX	<0.300	0.300	11/03/2022	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
Chloride	976	16.0	11/03/2022	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	11/03/2022	ND	196	98.1	200	0.807	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	183	91.5	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SW - 6 (H225164-35)

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	11/03/2022	ND	1.80	90.1	2.00	2.93	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 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	4240	16.0	11/03/2022	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	11/03/2022	ND	196	98.1	200	0.807	
DRO >C10-C28*	245	10.0	11/03/2022	ND	183	91.5	200	2.23	
EXT DRO >C28-C36	34.6	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 81.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SW - 7 (H225164-36)

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	11/03/2022	ND	1.80	90.1	2.00	2.93	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.4 % 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	272	16.0	11/03/2022	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	11/03/2022	ND	196	98.1	200	0.807	
DRO >C10-C28*	59.8	10.0	11/03/2022	ND	183	91.5	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.7 % 46.3-178

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Analytical Results For:

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

Received:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SW - 8 (H225164-37)

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	11/03/2022	ND	1.80	90.1	2.00	2.93	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251	
Total BTEX	<0.300	0.300	11/03/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.5 % 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	1230	16.0	11/03/2022	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	11/03/2022	ND	196	98.1	200	0.807	
DRO >C10-C28*	53.2	10.0	11/03/2022	ND	183	91.5	200	2.23	
EXT DRO >C28-C36	20.1	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Mike Snyder For 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:	11/02/2022	Sampling Date:	11/02/2022
Reported:	11/04/2022	Sampling Type:	Soil
Project Name:	LONGVIEW 12-4	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	NONE GIVEN		

Sample ID: SW - 9 (H225164-38)

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	11/03/2022	ND	1.80	90.1	2.00	2.93	
Toluene*	<0.050	0.050	11/03/2022	ND	2.05	102	2.00	1.63	
Ethylbenzene*	<0.050	0.050	11/03/2022	ND	2.04	102	2.00	1.72	
Total Xylenes*	<0.150	0.150	11/03/2022	ND	6.23	104	6.00	0.251	
Total BTEX	<0.300	0.300	11/03/2022	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	1470	16.0	11/03/2022	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	11/03/2022	ND	196	98.1	200	0.807	
DRO >C10-C28*	<10.0	10.0	11/03/2022	ND	183	91.5	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	11/03/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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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Chain of Custody

Work Order No: H205164

Page 1 of 4

Project Manager:	Ethan Sessums	Bill to: (if different)	Using Methuens
Company Name:	NTG Environmental	Company Name:	Deven Energy
Address:	402 East Wood Avenue.	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, New Mexico 88220	City, State ZIP:	Altoona, NM 88210
Phone:	432-701-2159	Email:	NTG Mailing List

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 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: <input type="checkbox"/>

Project Name:	Project Number:	Project Location:	Sampler's Name:	PO #:	Turn Around		Due Date:	TAT starts the day received by the lab, if received by 4:30pm	Temp Blank:	Thermometer ID:	Wet Ice:	Correction Factor:	Temperature Reading:	Corrected Temperature:	Parameters			Preservative Codes	
					<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush									BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500		
Languiers	13-4	SKP					2 Days		Yes	113	Yes	-0.6°C	9.1°C	8.5°C					
CS-1									No		No								
CS-2									No		No								
CS-3									No		No								
CS-4									No		No								
CS-5									No		No								
CS-6									No		No								
CS-7									No		No								
CS-8									No		No								
CS-9									No		No								
CS-10									No		No								

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>	11-2-22 1410			



Chain of Custody

Work Order No: HAAS104

Page 2 of 4

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 402 East Wood Avenue.
 City, State ZIP: Carlsbad, New Mexico 88220
 Phone: 432-701-2159
 Email: NTG Mailing List

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

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:	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:	Parameters	# of Cont		Sample Comments
SAMPLE RECEIPT					Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	BTEX 8021B			None: NO DI Water: H ₂ O Cool: Cool MeOH: Me HCL: HC HNO ₃ : HN H ₂ SO ₄ : H ₂ H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	113	Correction Factor:	-0.6°C	Temperature Reading:	9.1°C	Corrected Temperature:	8.5°C	Chloride 4500		
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Total Containers:	Additional Comments:							
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Sample Comments					
CS - 11	11-2		✓		Comp	✓						
CS - 12	11-2					✓						
CS - 13	11-2					✓						
CS - 14	11-2					✓						
CS - 15	11-2					✓						
CS - 16	11-2					✓						
CS - 17	11-2					✓						
CS - 18	11-2					✓						
CS - 19	11-2					✓						
CS - 20	11-2					✓						

Relinquished by: (Signature) _____ Received by: (Signature) _____
 Date/Time: 11-22-14 1410

Relinquished by: (Signature) _____ Received by: (Signature) _____
 Date/Time: _____



Chain of Custody

Work Order No: HA25164

Page 3 of 4

Project Manager: Ethan Sessums
 Company Name: NTG Environmental
 Address: 402 East Wood Avenue.
 City, State ZIP: Carlsbad, New Mexico 88220
 Phone: 432-701-2159

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

Email: NTG Mailing List

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

Project Name: _____ Turn Around: Routine Rush
 Project Number: _____ Due Date: 2 Day
 Project Location: _____ TAT starts the day received by the lab, if received by 4:30pm
 Sampler's Name: _____
 PO #: _____

Temp Blank: Yes No
 Received Intact: Yes No
 Cooler Custody Seals: Yes No N/A
 Sample Custody Seals: Yes No N/A
 Total Containers: _____ Corrected Temperature: 8.5°C

Thermometer ID: 113
 Correction Factor: -0.6°C
 Temperature Reading: 9.1°C

Wet Ice: Yes No
 Parameters: BTEX 8021B ✓
 TPH 8015M (GRO + DRO + MRO) ✓
 Chloride 4500 ✓

Preservative Codes
 None: NO DI Water: H₂O
 Cool: Cool MeOH: Me
 HCL: HC HNO₃: HN
 H₂SO₄: H₂ NaOH: Na
 H₃PO₄: HP
 NaHSO₄: NABIS
 Na₂S₂O₅: NaSO₃
 Zn Acetate+NaOH: Zn
 NaOH+Ascorbic Acid: SAPC

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-21	11-2		✓			✓			
CS-22	11-2		✓			✓			
CS-23	11-2		✓			✓			
CS-24	11-2		✓			✓			
CS-25	11-2		✓			✓			
CS-26	11-2		✓			✓			
CS-27	11-2		✓			✓			
CS-28	11-2		✓			✓			
CS-29	11-2		✓			✓			

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<u>[Signature]</u>	<u>11-2-22 1410</u>			



Chain of Custody

Work Order No:

HAAS164

Page 4 of 4

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"/> Upfund <input type="checkbox"/>	State of Project:
Reporting: Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:

Project Name:		Turn Around		Pres. Code	ANALYSIS REQUEST	Preservative Codes	
Project Number:		<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush				
Project Location:		Due Date:	<u>2 Day</u>			None: NO	
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm				Cool: Cool	DI Water: H ₂ O
PO #:		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			HCL: HC	MeOH: Me
SAMPLE RECEIPT	Received Intact:	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			H ₂ SO ₄ : H ₂	HNO ₃ : HN
	Cooler Custody Seals:	Correction Factor:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>			H ₃ PO ₄ : HP	NaOH: Na
	Sample Custody Seals:	Temperature Reading:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>			NaHSO ₄ : NABIS	
	Total Containers:	Corrected Temperature:				Na ₂ S ₂ O ₅ : NaSO ₅	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters	Sample Comments
SD-1	11-2		✓		Comp	✓	BTEX 8021B	
SW-2	11-2					✓	TPH 8015M (GRO + DRO + MRO)	
SW-3	11-2					✓	Chloride 4500	
SW-4	11-2							
SW-5	11-2							
SW-6	11-2							
SW-7	11-2							
SW-8	11-2							
SW-9	11-2							

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	<u>11-2-22 1410</u>			



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

January 06, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LONGVIEW 12-4

Enclosed are the results of analyses for samples received by the laboratory on 11/14/22 14:45.

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/ga/lab_accred_certif.html.

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

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

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

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 10	H225379-01	Soil	14-Nov-22 14:45	14-Nov-22 14:45
SW - 11	H225379-02	Soil	14-Nov-22 14:45	14-Nov-22 14:45
SW - 12	H225379-03	Soil	14-Nov-22 14:45	14-Nov-22 14:45
SW - 13	H225379-04	Soil	14-Nov-22 14:45	14-Nov-22 14:45
SW - 14	H225379-05	Soil	14-Nov-22 14:45	14-Nov-22 14:45
SW - 15	H225379-06	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 1 4.5'	H225379-07	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 8 4.5'	H225379-08	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 9 4.5'	H225379-09	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 10 4.5'	H225379-10	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 11 4.5'	H225379-11	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 12 4.5'	H225379-12	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 15 4.5'	H225379-13	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 16 4.5'	H225379-14	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 17 4.5'	H225379-15	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 18 4.5'	H225379-16	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 19 4.5'	H225379-17	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 20 4.5'	H225379-18	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 23 4.5'	H225379-19	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 24 4.5'	H225379-20	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 30 4.5'	H225379-21	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 31 4.5'	H225379-22	Soil	14-Nov-22 14:45	14-Nov-22 14:45
CS - 14 4.5'	H225379-23	Soil	14-Nov-22 14:45	14-Nov-22 14:45

01/06/23 - Client changed the sample ID on -23 (See COC). This is the revised report and replaces the one sent on 11/15/22.

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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SW - 10
H225379-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	2111511	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

Surrogate: 1-Chlorooctane			82.4 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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Surrogate: 1-Chlorooctadecane			91.5 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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*=Accredited Analyte

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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SW - 11
H225379-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	2111511	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			104 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.5 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			96.6 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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SW - 12

H225379-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.1 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.7 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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SW - 13

H225379-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	192		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %		69.9-140	2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.3 %		45.3-161	2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			83.2 %		46.3-178	2111432	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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SW - 14

H225379-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	96.0		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			80.4 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			85.7 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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SW - 15
H225379-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	208		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			100 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.7 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.9 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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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 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 1 4.5'
H225379-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	48.0		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			95.9 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			103 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 8 4.5'
H225379-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	528		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	13.9		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			85.5 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.3 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 9 4.5'
H225379-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	64.0		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			98.7 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			105 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 10 4.5'
H225379-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	32.0		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.6 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			89.1 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 11 4.5'
H225379-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	128		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			84.6 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			90.0 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 12 4.5'
H225379-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			101 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			76.1 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			80.8 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 15 4.5'
H225379-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.2 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.8 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 16 4.5'
H225379-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	112		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-CI-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %		69.9-140	2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			72.2 %		45.3-161	2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			76.3 %		46.3-178	2111432	MS	15-Nov-22	8015B	
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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 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 17 4.5'
H225379-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	80.0		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.3 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			88.2 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			96.9 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 18 4.5'
H225379-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	448		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			83.2 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			94.0 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 19 4.5'
H225379-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	352		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.5 %		69.9-140	2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			95.4 %		45.3-161	2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			103 %		46.3-178	2111432	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 20 4.5'
H225379-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	320		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			102 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			84.9 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			95.6 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 23 4.5'
H225379-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	64.0		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	14-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	14-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			99.1 %	69.9-140		2111430	JH/	14-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			93.0 %	45.3-161		2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			100 %	46.3-178		2111432	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 24 4.5'
H225379-20 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	416		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111430	JH/	15-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111430	JH/	15-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111430	JH/	15-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111430	JH/	15-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111430	JH/	15-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			98.8 %		69.9-140	2111430	JH/	15-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111432	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			90.5 %		45.3-161	2111432	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			96.0 %		46.3-178	2111432	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 30 4.5'
H225379-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	144		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111431	JH	15-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			89.4 %		69.9-140	2111431	JH	15-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111434	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111434	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111434	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			77.8 %		45.3-161	2111434	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.8 %		46.3-178	2111434	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 31 4.5'
H225379-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories

Inorganic Compounds

Chloride	160		16.0	mg/kg	4	2111512	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111431	JH	15-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			88.6 %		69.9-140	2111431	JH	15-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111434	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111434	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111434	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			66.4 %		45.3-161	2111434	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			71.1 %		46.3-178	2111434	MS	15-Nov-22	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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CS - 14 4.5'
H225379-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Inorganic Compounds

Chloride	176		16.0	mg/kg	4	2111513	GM	15-Nov-22	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Toluene*	<0.050		0.050	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	2111431	JH	15-Nov-22	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	2111431	JH	15-Nov-22	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			87.8 %		69.9-140	2111431	JH	15-Nov-22	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	2111434	MS	15-Nov-22	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	2111434	MS	15-Nov-22	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	2111434	MS	15-Nov-22	8015B	

<i>Surrogate: 1-Chlorooctane</i>			74.6 %		45.3-161	2111434	MS	15-Nov-22	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			77.6 %		46.3-178	2111434	MS	15-Nov-22	8015B	
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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2111511 - 1:4 DI Water

Blank (2111511-BLK1)				Prepared & Analyzed: 15-Nov-22						
Chloride	ND	16.0	mg/kg							
LCS (2111511-BS1)				Prepared & Analyzed: 15-Nov-22						
Chloride	432	16.0	mg/kg	400		108	80-120			
LCS Dup (2111511-BSD1)				Prepared & Analyzed: 15-Nov-22						
Chloride	400	16.0	mg/kg	400		100	80-120	7.69	20	

Batch 2111512 - 1:4 DI Water

Blank (2111512-BLK1)				Prepared & Analyzed: 15-Nov-22						
Chloride	ND	16.0	mg/kg							
LCS (2111512-BS1)				Prepared & Analyzed: 15-Nov-22						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (2111512-BSD1)				Prepared & Analyzed: 15-Nov-22						
Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	

Batch 2111513 - 1:4 DI Water

Blank (2111513-BLK1)				Prepared & Analyzed: 15-Nov-22						
Chloride	ND	16.0	mg/kg							
LCS (2111513-BS1)				Prepared & Analyzed: 15-Nov-22						
Chloride	400	16.0	mg/kg	400		100	80-120			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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Inorganic Compounds - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2111513 - 1:4 DI Water

LCS Dup (2111513-BSD1)

Prepared & Analyzed: 15-Nov-22

Chloride	432	16.0	mg/kg	400		108	80-120	7.69	20	
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Analytical Results For:

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

Project: LONGVIEW 12-4
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
06-Jan-23 13:37

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2111430 - Volatiles**Blank (2111430-BLK1)**

Prepared & Analyzed: 14-Nov-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/kg	0.0500		102	69.9-140			

LCS (2111430-BS1)

Prepared & Analyzed: 14-Nov-22

Benzene	1.94	0.050	mg/kg	2.00		97.2	83.4-122			
Toluene	2.03	0.050	mg/kg	2.00		101	84.2-126			
Ethylbenzene	2.07	0.050	mg/kg	2.00		103	84.2-121			
m,p-Xylene	4.30	0.100	mg/kg	4.00		107	89.9-126			
o-Xylene	2.05	0.050	mg/kg	2.00		102	84.3-123			
Total Xylenes	6.34	0.150	mg/kg	6.00		106	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0509		mg/kg	0.0500		102	69.9-140			

LCS Dup (2111430-BSD1)

Prepared & Analyzed: 14-Nov-22

Benzene	1.86	0.050	mg/kg	2.00		92.8	83.4-122	4.63	12.6	
Toluene	1.96	0.050	mg/kg	2.00		98.0	84.2-126	3.38	13.3	
Ethylbenzene	1.98	0.050	mg/kg	2.00		99.0	84.2-121	4.26	13.9	
m,p-Xylene	4.10	0.100	mg/kg	4.00		102	89.9-126	4.72	13.6	
o-Xylene	1.98	0.050	mg/kg	2.00		98.8	84.3-123	3.52	14.1	
Total Xylenes	6.07	0.150	mg/kg	6.00		101	89.1-124	4.33	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0508		mg/kg	0.0500		102	69.9-140			

Batch 2111431 - Volatiles**Blank (2111431-BLK1)**

Prepared: 14-Nov-22 Analyzed: 15-Nov-22

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

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

Project: LONGVIEW 12-4
Project Number: NONE GIVEN
Project Manager: ETHAN SESSUMS
Fax To:

Reported:
06-Jan-23 13:37

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2111431 - Volatiles**Blank (2111431-BLK1)**

Prepared: 14-Nov-22 Analyzed: 15-Nov-22

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		86.1	69.9-140			

LCS (2111431-BS1)

Prepared: 14-Nov-22 Analyzed: 15-Nov-22

Benzene	2.19	0.050	mg/kg	2.00		109	83.4-122			
Toluene	2.21	0.050	mg/kg	2.00		111	84.2-126			
Ethylbenzene	2.10	0.050	mg/kg	2.00		105	84.2-121			
m,p-Xylene	4.33	0.100	mg/kg	4.00		108	89.9-126			
o-Xylene	2.04	0.050	mg/kg	2.00		102	84.3-123			
Total Xylenes	6.37	0.150	mg/kg	6.00		106	89.1-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.0412		mg/kg	0.0500		82.5	69.9-140			

LCS Dup (2111431-BSD1)

Prepared: 14-Nov-22 Analyzed: 15-Nov-22

Benzene	2.14	0.050	mg/kg	2.00		107	83.4-122	2.23	12.6	
Toluene	2.19	0.050	mg/kg	2.00		109	84.2-126	1.18	13.3	
Ethylbenzene	2.07	0.050	mg/kg	2.00		104	84.2-121	1.20	13.9	
m,p-Xylene	4.29	0.100	mg/kg	4.00		107	89.9-126	1.05	13.6	
o-Xylene	2.01	0.050	mg/kg	2.00		100	84.3-123	1.73	14.1	
Total Xylenes	6.29	0.150	mg/kg	6.00		105	89.1-124	1.27	13.4	
Surrogate: 4-Bromofluorobenzene (PID)	0.0425		mg/kg	0.0500		85.0	69.9-140			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2111432 - General Prep - Organics

Blank (2111432-BLK1)		Prepared: 14-Nov-22 Analyzed: 15-Nov-22								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	51.6		mg/kg	50.0		103	45.3-161			
Surrogate: 1-Chlorooctadecane	55.3		mg/kg	50.0		111	46.3-178			

LCS (2111432-BS1)		Prepared: 14-Nov-22 Analyzed: 15-Nov-22								
GRO C6-C10	210	10.0	mg/kg	200		105	76.8-124			
DRO >C10-C28	189	10.0	mg/kg	200		94.6	74.9-127			
Total TPH C6-C28	399	10.0	mg/kg	400		99.7	77.5-124			
Surrogate: 1-Chlorooctane	58.5		mg/kg	50.0		117	45.3-161			
Surrogate: 1-Chlorooctadecane	62.6		mg/kg	50.0		125	46.3-178			

LCS Dup (2111432-BSD1)		Prepared: 14-Nov-22 Analyzed: 15-Nov-22								
GRO C6-C10	199	10.0	mg/kg	200		99.7	76.8-124	5.02	17.2	
DRO >C10-C28	175	10.0	mg/kg	200		87.6	74.9-127	7.66	18.6	
Total TPH C6-C28	375	10.0	mg/kg	400		93.7	77.5-124	6.26	17.6	
Surrogate: 1-Chlorooctane	48.2		mg/kg	50.0		96.3	45.3-161			
Surrogate: 1-Chlorooctadecane	54.6		mg/kg	50.0		109	46.3-178			

Batch 2111434 - General Prep - Organics

Blank (2111434-BLK1)		Prepared: 14-Nov-22 Analyzed: 15-Nov-22								
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.3		mg/kg	50.0		88.6	45.3-161			
Surrogate: 1-Chlorooctadecane	45.3		mg/kg	50.0		90.6	46.3-178			

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Analytical Results For:

NTG ENVIRONMENTAL 701 TRADEWINDS BLVD. SUITE C MIDLAND TX, 79706	Project: LONGVIEW 12-4 Project Number: NONE GIVEN Project Manager: ETHAN SESSUMS Fax To:	Reported: 06-Jan-23 13:37
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Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 2111434 - General Prep - Organics

LCS (2111434-BS1)

Prepared: 14-Nov-22 Analyzed: 15-Nov-22

GRO C6-C10	191	10.0	mg/kg	200		95.3	76.8-124			
DRO >C10-C28	194	10.0	mg/kg	200		97.0	74.9-127			
Total TPH C6-C28	385	10.0	mg/kg	400		96.2	77.5-124			
Surrogate: 1-Chlorooctane	46.8		mg/kg	50.0		93.6	45.3-161			
Surrogate: 1-Chlorooctadecane	50.1		mg/kg	50.0		100	46.3-178			

LCS Dup (2111434-BSD1)

Prepared: 14-Nov-22 Analyzed: 15-Nov-22

GRO C6-C10	187	10.0	mg/kg	200		93.3	76.8-124	2.05	17.2	
DRO >C10-C28	194	10.0	mg/kg	200		97.0	74.9-127	0.0521	18.6	
Total TPH C6-C28	381	10.0	mg/kg	400		95.2	77.5-124	1.04	17.6	
Surrogate: 1-Chlorooctane	46.0		mg/kg	50.0		92.1	45.3-161			
Surrogate: 1-Chlorooctadecane	51.0		mg/kg	50.0		102	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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101 East Marland, Hobbs, NM 88240
 (575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: AT&T	P.O. #: 21044009
Project Manager: Ethan Sessums	Company: Pedon
Address: 482 E Wood Ave	Attn: Wes Matthews
City: Carlsbad	Address:
State: NM Zip: 88220	City:
Phone #: 254 266 5456 Fax #:	State: Zip:
Project #: _____	Phone #: _____
Project Name: Longview 12 u	Fax #: _____
Project Location: Eddy County	
Sampler Name: Tyler Campbell	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
A1225379	SW-16	61	1			X				11-14	2:45	BTEX TPH Chlorides
1	SW-11											
2	SW-12											
3	SW-13											
4	SW-14											
5	SW-15											
6	CS-1 4.5'											
7	CS-8 4.5'											
8	CS-9 4.5'											
9	CS-10 4.5'											

PLEASE NOTE: Liability and Damages. Cardinal's 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 service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, 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.

Relinquished By: [Signature]	Date: 11-14	Received By: [Signature]	Date: 11-14
Time: 2:45	Time: 2:45	Time: _____	Time: _____

Delivered By: (Circle One)	Observed Temp. °C	Corrected Temp. °C	Sample Condition	CHECKED BY: (Initials)	Turnaround Time:	Standard	Rush	Bacteria (only)	Sample Condition
Sampler - UPS - Bus - Other:	14.2	15.6	Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	[Signature]	_____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cool Intact Yes <input type="checkbox"/> No <input type="checkbox"/>	Observed Temp. °C
_____	_____	_____	_____	_____	_____	_____	_____	_____	Corrected Temp. °C

FOR LAB USE ONLY

Verbal Result: Yes No Add'l Phone #: _____

All Results are emailed. Please provide Email address: _____

REMARKS: _____

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



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. #: 21064009

Company: DeWitt

Attn: Mrs Mathews

Address:

City:

State:

Phone #:

Fax #:

Company Name: **NTGE**
 Project Manager: **Ethun Sessions**
 Address: **402 E Wood Ave**
 City: **Carlsbad** State: **NM** Zip: **88220**
 Phone #: **254 266 5454** Fax #:
 Project #: Project Owner: **DeWitt**
 Project Name: **Langston rd**
 Project Location: **Eddy County**
 Sampler Name: **Tyler Kimball**

FOR LAB USE ONLY

(G)RAB OR (C)OMP.	
# CONTAINERS	
GROUNDWATER	
WASTEWATER	
SOIL	
OIL	
SLUDGE	
OTHER :	
ACID/BASE:	
ICE / COOL	
OTHER :	

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS REQUEST
H225379	CS-11 4.5'	6	1	X			11-14	2:45	BTEX TPH Chlorides
	CS-12 4.5'								
	CS-15 4.5'								
	CS-16 4.5'								
	CS-17 4.5'								
	CS-18 4.5'								
	CS-19 4.5'								
	CS-20 4.5'								
	CS-23 4.5'								
	CS-24 4.5'								

PLEASE NOTE: Liability and Damages. Cardinal's 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 services. 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 services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, 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.

Relinquished By: *[Signature]*
 Date: 11/14
 Time: 2:45
 Received By: *[Signature]*
 Date: _____
 Time: _____

Delivered By: (Circle One) Observed Temp. °C **14.2** Sample Condition Intact Cool Yes No Intact Yes No
 Corrected Temp. °C **15.6** CHECKED BY: (Initials) **VP**
 Verbal Result: Yes No Add'l Phone #:
 All Results are emailed. Please provide Email address:
 REMARKS:
 Turnaround Time: Standard Bacteria (only) Sample Condition Cool Intact Yes No Intact Yes No
 Thermometer ID #113 **RUSH** Corrected Temp. °C
 Correction Factor -0.6°C **24hrs.**

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

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 173565

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 173565
	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 #NAPP2221327186 LONGVIEW FEDERAL 12 #004H, thank you. This closure is approved. For future reference, some of the Chain of Custody and Analysis Request forms showed samples not received at proper temperature of 6 deg. Celsius or below. If samples are improperly cared for again on future remediation projects, the report will be immediately denied.	5/9/2023