

200 feet northwest of the Longview Fed 1 44

nAPP2324024755

8/26/2023

32.32916667 -104.03416667

200 feet northwest of the Longview Fed 1 44

<b><u>Spill Volume(Bbls) Calculator</u></b>		
<i>Inputs in blue , Outputs in red</i>		
<b>Contaminated Soil measurement</b>		
Length(Ft)	Width(Ft)	Depth (in)
<u>50</u>	<u>31.000</u>	<u>0.100</u>
Cubic Feet of Soil Impacted		<u>12.917</u>
Barrels of Soil Impacted		<u>2.30</u>
Soil Type		Clay/Sand
Barrels of Oil Assuming 100% Saturation		<u>0.35</u>
Saturation	Damp no fluid when squeezed	
Estimated Barrels of Oil Released		0.03
<b>Free Standing Fluid Only</b>		
Length(Ft)	Width(Ft)	Depth (inches))
<u>50</u>	<u>31.000</u>	<u>0.375</u>
Standing fluid		<u>8.615</u>
<b><u>Total fluids spilled</u></b>		<b><u>8.649</u></b>



209 W. McKay Street  
Carlsbad, New Mexico 88220  
Tel. 432-701-2159  
www.ntgenvironmental.com

April 9, 2024

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

**Re: Closure Report**  
**Longview Federal 1 #44H**  
**Unit P, S01, T23S, R28E**  
**Site Coordinates: 32.32916667, -104.03416667**  
**Eddy County, New Mexico**  
**Incident ID: nAPP2324024755**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this closure report to document site assessment, remedial action, and sampling activities at the Longview Federal 1 #44H (Site) for submittal to the New Mexico Oil Conservation Division (NMOCD) District 2 Office in Artesia, New Mexico. The Site is located in Unit P, Section 01, Township 23 South of Range 28 East in Eddy County, New Mexico. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

### **Background**

Based on the initial C-141 obtained from the NMOCD, the release was discovered on August 26<sup>th</sup>, 2023, the result of a leaking gas line. Approximately nine (9) barrels (bbls) of condensate were released of which one (1) bbl was recovered for an approximate net loss of eight (8) bbls of condensate, all of which was off the pad. Upon discovery, the equipment was shut-in, and the area was secured. The release area is shown in Figure 3.

### **Groundwater and Site Characterization**

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are two (2) wells located within a 0.6-mile radius of the site. Groundwater variance approval was granted by the NMOCD. The well (C-04539-POD1) is located approximately 0.6 miles north of the release and was drilled to a reported depth of 55 feet below ground surface (ft bgs) with no groundwater encountered. The well (C-04418-POD1) is located approximately 0.6 miles west-southwest of the release and was drilled to a reported depth of 55 feet below ground surface (ft bgs) with no groundwater encountered. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. According to the Karst Potential Map, the Site is located within a medium Karst area. The Site characterization documentation (Points of Diversion, Karst Potential, Significant Watercourse Map, Wetlands Map, and FEMA Map) is provided in this report.

Mr. Mike Bratcher  
April 9, 2024  
Page 2 of 3

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

**General Site Characterization and Groundwater:**

Site Characterization	Average Groundwater Depth (ft)
Medium Karst	>55

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

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

**Site Assessment**

On September 26<sup>th</sup>, 2023, NTGE conducted site assessment activities to assess the extent of impacts at the Site. A total of six (6) vertical sample points (i.e., V-1 through V-6) and six (6) horizontal sample points (i.e., H-1 through H-6) were installed within the release area to characterize the impact. Soil samples were collected in 0.5 ft intervals from depths ranging from 0.5 ft to a maximum of 1.5 ft bgs with a geotechnical hand auger.

On November 11<sup>th</sup>, 2023, NTGE conducted additional site assessment activities to further assess the extent of impacts at the Site. The areas of vertical sample points V-1 and V-4 were extended to depths ranging from 4.5 – 5.5 ft bgs with a geotechnical hand auger. Soil samples were collected in 0.5 ft intervals.

The samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA method 8260B, total petroleum hydrocarbon (TPH) by method 8015B Modified, and chloride by EPA 4500 Cl-B by Envirotech Laboratories in Farmington, New Mexico as well as Cardinal Laboratories in Hobbs, New Mexico. The analytical results indicated the site was delineated and that chloride and TPH concentrations exceeded the NMOCD regulatory limits in the areas of V-1 and V-4. Analytical results are included in Table 1, while sampling locations are shown in Figure 3.

**Remedial Action Activities and Confirmation Sampling**

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to a depth of two (2) ft bgs in the area V-1 and excavated to a depth of four (4) ft bgs in the area of V-4 to fully remove all impacted soils from the location.

On March 28<sup>th</sup>, 2024, a total of nine (9) composite confirmation samples were collected from the excavation base (i.e., CS-1 through CS-9) and seven (7) composite confirmation samples were collected from the excavation sidewalls (i.e., SW-1 through SW-7) to ensure impacted soil was removed.

On April 8<sup>th</sup>, 2024, an additional two (2) composite confirmation samples were collected from the excavation sidewalls (i.e., SW-6A and SW-7A) to ensure impacted soil was removed.

Mr. Mike Bratcher  
April 9, 2024  
Page 3 of 3

Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to Cardinal Laboratories in Hobbs, New Mexico. The five-point confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Analytical results indicated that all analytes were below NMOCD regulatory criterion for the Site. The final excavation extent and confirmation sample locations are shown in Figure 4. Analytical results of all confirmation samples are included in Table 2 with laboratory reports attached.

### **Closure Request**

Based on the assessment and subsequent remedial action activities, the Site is compliant with the regulatory limits and no further actions are required at the site. Devon formally requests a no further action designation for the Site.

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

Sincerely,  
**NTG Environmental**



Ethan Sessums  
Project Manager



Kellan Smith  
Project Scientist

Attachments:

- Site Characterization Information
- Tables
- Figures
- Photographic Log
- Laboratory Reports and Chain-of-Custody



## **SITE CHARACTERIZATION INFORMATION**

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## NMOCD Closure Criteria

200 Feet Northwest of the Longview Federal 1 #44H

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater ( ft bgs)	N/A	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	500	National Wetlands Inventory (NWS) - wetland
Horizontal Distance to Nearest Significant Watercourse (ft)	500	National Wetlands Inventory (NWS) - wetland

Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50		600	100	--	50	10
51 - 100	x	10,000	2,500	1,000	50	10
>100		20,000	2,500	1,000	50	10
Surface Water	Yes/No	in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100		50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within and unstable area?	No					
Within a 100 yr floodplain?	No					

\* - numerical limit or background, whichever is greater



# OSE POD Location Map

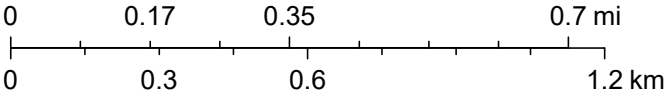


11/2/2023, 10:57:41 AM

GIS WATERS PODs

- Active
- Pending
- Plugged
- 

1:18,056



Esri, HERE, iPC, Esri, HERE, Garmin, iPC, Maxar



209 W McKay St, Carlsbad, NM 88220  
M: 254-266-5456 W: 432-701-2159  
Email: [esessums@ntglobal.com](mailto:esessums@ntglobal.com)  
<http://www.ntgenvironmental.com/>



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**From:** Hamlet, Robert, EMNRD <[Robert.Hamlet@emnrd.nm.gov](mailto:Robert.Hamlet@emnrd.nm.gov)>  
**Sent:** Wednesday, March 6, 2024 9:58 AM  
**To:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Cc:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>; Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>; Maxwell, Ashley, EMNRD <[Ashley.Maxwell@emnrd.nm.gov](mailto:Ashley.Maxwell@emnrd.nm.gov)>; Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>  
**Subject:** RE: [EXTERNAL] RE: Point of Diversion

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

Ethan,

I talked to Mike about this particular site. There are two wells within the 0.6 mile radius of the release location. We will approve the variance for the use of groundwater data within the 0.6 mile radius. All future variances will be reviewed on a site by site basis. Please include this e-mail correspondence in the remediation and/or closure report.

Regards,

**Robert Hamlet** • Environmental Specialist - Advanced  
Environmental Bureau  
EMNRD - Oil Conservation Division  
506 W. Texas Ave. | Artesia, NM 88210  
575.909.0302 | [robert.hamlet@state.nm.us](mailto:robert.hamlet@state.nm.us)



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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

STATE ENGINEERS OFFICE  
2021 OCT -5 PM 3:41

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) C-4539 BH01		WSP 185		WELL TAG ID NO. NA	OSE FILE NO(S) C-4539		
	WELL OWNER NAME(S) JDEVON ENERGY CORPORATION - JIM RALEY(AGENT)					PHONE (OPTIONAL) 575-689-7597 (CELL)		
	WELL OWNER MAILING ADDRESS 5315 BUENA VISTA DRIVE					CITY CARLSBAD	STATE NM	
						ZIP 88210		
	WELL LOCATION (FROM GPS)	DEGREES 32	MINUTES 33	SECONDS 71.97	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE -104	03	26.81	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SITE LOCATED AT 32.337197, -104.032681, EDDY COUNTY, NEW MEXICO								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD 1186		NAME OF LICENSED DRILLER RODNEY HAMMER			NAME OF WELL DRILLING COMPANY ENVIRO-DRILL, INC.		
	DRILLING STARTED 07/14/21	DRILLING ENDED 07/14/21	DEPTH OF COMPLETED WELL (FT) 55'	BORE HOLE DEPTH (FT) 55'	DEPTH WATER FIRST ENCOUNTERED (FT) dry			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)						STATIC WATER LEVEL IN COMPLETED WELL (FT)	
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD <input type="checkbox"/> ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:							
	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	55	45	8"	screen	sch 40	2"	2"	.010
	45	0	8"	Blank	FTT			
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	55	43	8"	Sand 10/20	10	hydraulic		
	43	41	8"	Hole Plug	1.5	*		

FOR OSE INTERNAL USE

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

FILE NO. C-4539	POD NO. 1	TRN NO. 695967
LOCATION 235.28E.1.242	WELL TAG ID NO.	PAGE 1 OF 2

DEPTH (feet bgl)			THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES (attach supplemental sheets to fully describe all units)	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)
FROM	TO					
0	55	55	silty sand and caliche	Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
				Y	N	
METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:				TOTAL ESTIMATED		
<input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER - SPECIFY:				WELL YIELD (gpm): 0.00		

WELL TEST		TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.
MISCELLANEOUS INFORMATION:  <div style="text-align: right;">DSE OCT 12 2021 AM 11:24</div>		
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:		

SIGNATURE
BY SIGNING BELOW, I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED WELL. I ALSO CERTIFY THAT THE WELL TAG, IF REQUIRED, HAS BEEN INSTALLED AND THAT THIS WELL RECORD WILL ALSO BE FILED WITH THE PERMIT HOLDER WITHIN 30 DAYS AFTER THE COMPLETION OF WELL DRILLING.  <div style="display: flex; justify-content: space-between;"><div> SIGNATURE OF DRILLER / PRINT SIGNEE NAME</div><div>9-28-21 DATE</div></div>

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 04/30/2019)	
FILE NO.	C-4539	POD NO.	1
LOCATION		TRN NO.	695967
		WELL TAG ID NO	PAGE 2 OF 2



# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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

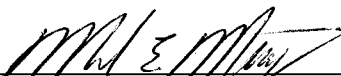
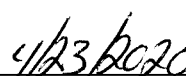
SEVEN MILLION

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

FOR OSE INTERNAL USE

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

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

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

FOR OSE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 04/30/2019)	
FILE NO. C-4418	POD NO. 1	TRN NO. 670356	
LOCATION 214 T23S R38E S.12	WELL TAG ID NO. N/A		PAGE 2 OF 2



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



Roswell Office  
1900 WEST SECOND STREET  
ROSWELL, NM 88201

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

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

Jun. 09, 2020

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

Greetings:

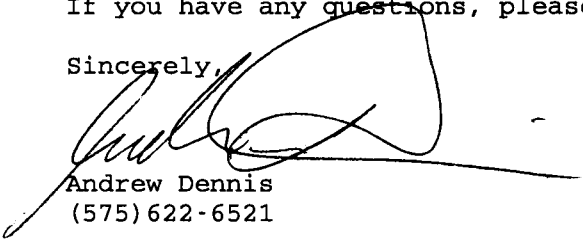
The above numbered permit was issued in your name on 03/26/2020.

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

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

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

Sincerely,

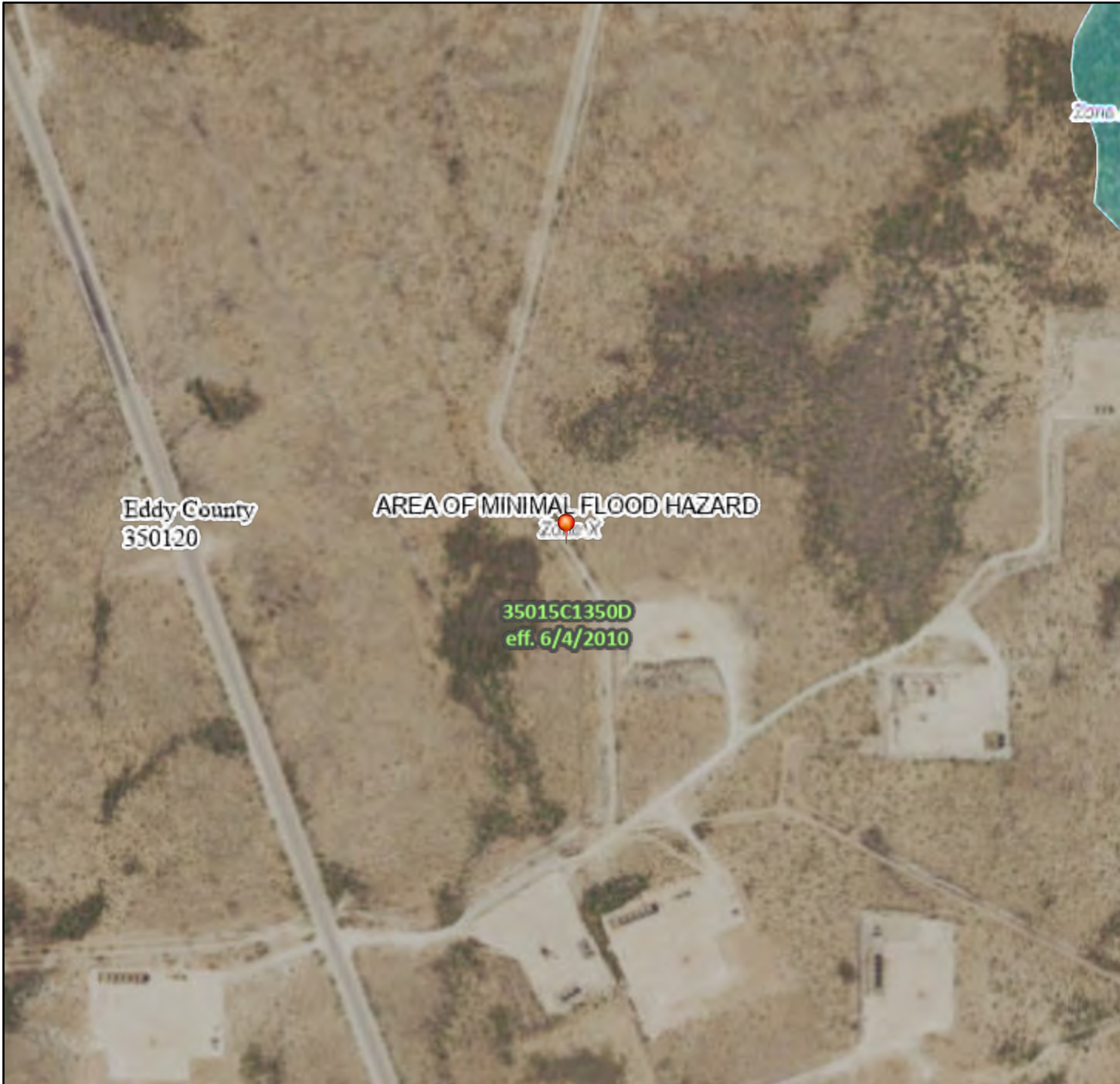
  
Andrew Dennis  
(575) 622-6521

drywell

# National Flood Hazard Layer FIRMette



104°2'22"W 32°20'N



0 250 500 1,000 1,500 2,000 Feet

1:6,000

104°1'44"W 32°19'30"N

Released to Imaging: 6/26/2024 9:22:31 AM

Basemap Imagery Source: USGS National Map 2023

## Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 11/2/2023 at 12:13 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

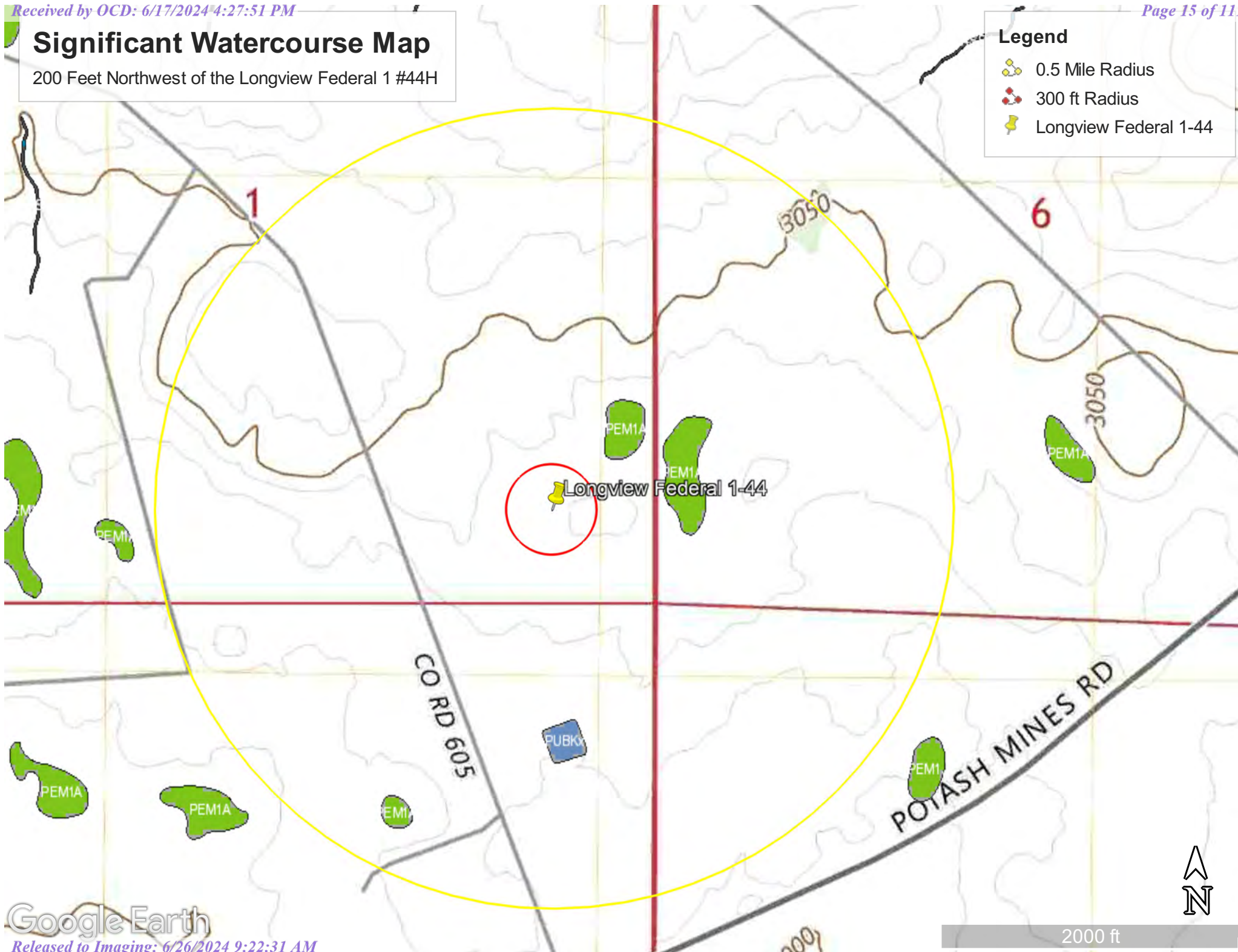
This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory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

# Significant Watercourse Map

200 Feet Northwest of the Longview Federal 1 #44H

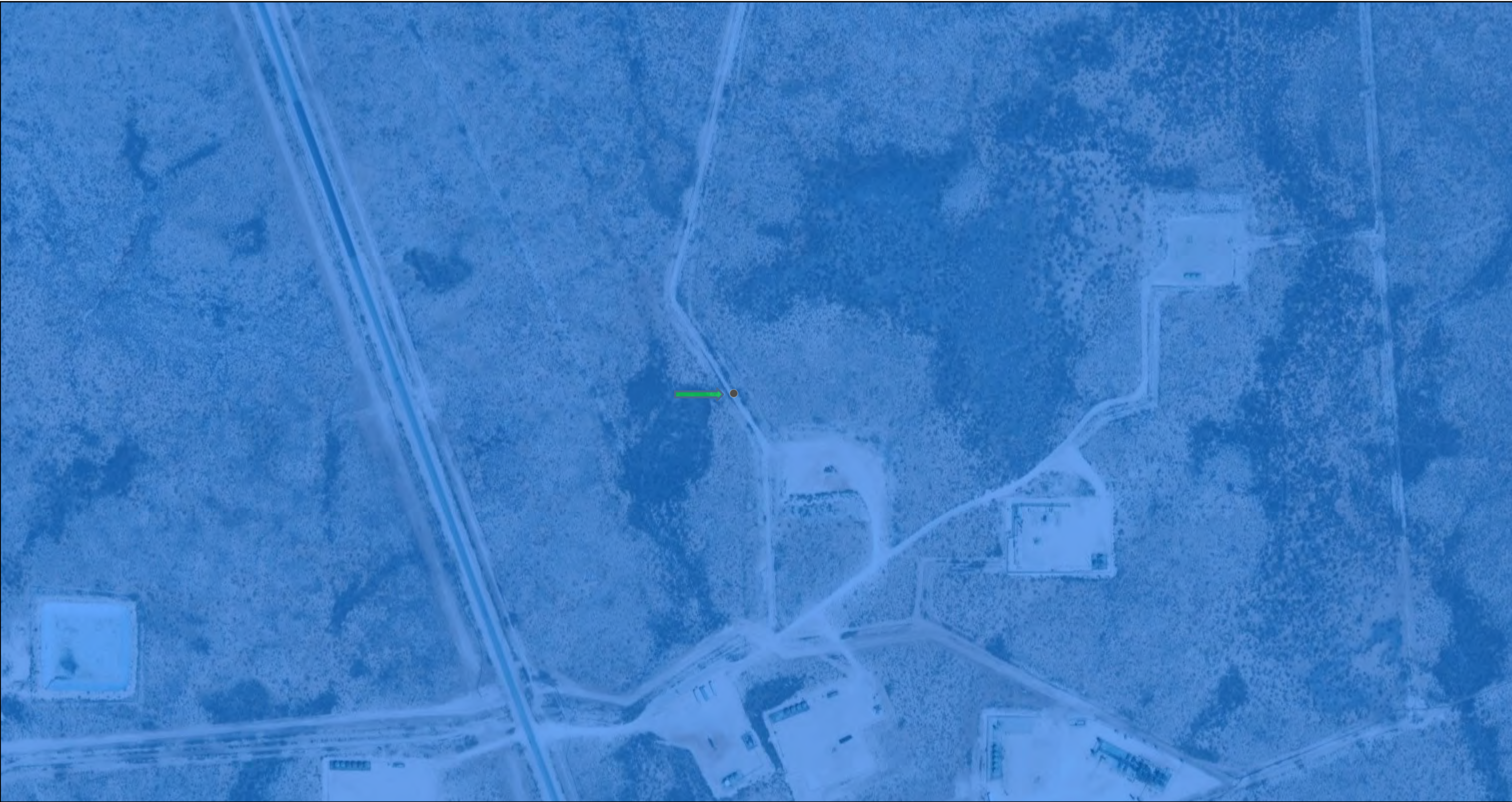
## Legend

- 0.5 Mile Radius
- 300 ft Radius
- Longview Federal 1-44



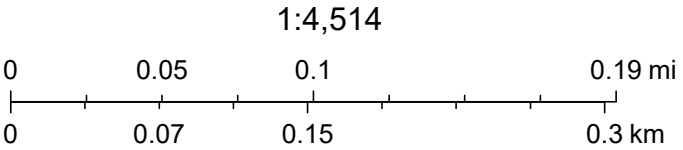


# OCD Site Characterization Map



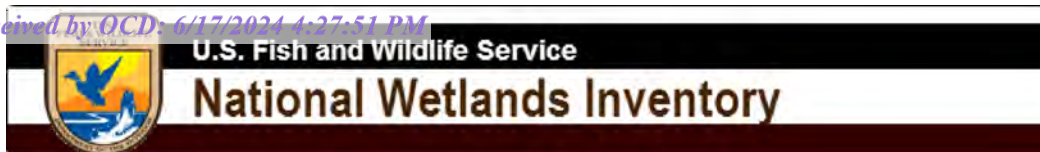
11/2/2023, 11:00:12 AM

- Site Location
- Karst Occurrence Potential
- Medium



BLM, OCD, New Mexico Tech, USGS, Esri, HERE, Garmin, IPC, Maxar, NM OSE





## Longview Federal 1 44H



November 2, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

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

## **TABLES**

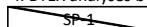
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**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Longview Federal 1-44**  
**Devon Energy Production Company**  
**Eddy County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
Vertical Delineation Samples													
V-1	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	69.8	69.8	<50.0	69.8	232
	09/26/23	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	95.7	95.7	63.7	159.4	197
	11/07/23	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	11/07/23	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	11/07/23	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	11/07/23	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	11/07/23	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
V-2	11/07/23	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	71
V-3	09/26/23	1-1.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	23
	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	36.9	36.9	<50.0	36.9	96
V-4	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	309	309	161	470	419
	11/07/23	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
	11/07/23	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,000
	11/07/23	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3,680
	11/07/23	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,600
	11/07/23	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5,600
V-5	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	41.7	41.7	<50.0	41.7	221
V-6	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	<20.0	<25.0	<50.0	<50	94
Horizontal Delineation Samples													
H-1	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-2	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-3	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	143
H-4	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-5	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
H-6	09/26/23	0-0.5'	<0.0250	<0.0250	<0.0250	<0.0500	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0

**Notes:**

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

 Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

7. Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.

8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

9. --- Not Analyzed

Table 2  
Summary of Soil Analytical Data - Confirmation Samples  
Longview Federal 1-44  
Devon Energy Production Company  
Eddy County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C-10)	DRO (C10-C28)	GRO + DRO	MRO (C28-C35)	Total GRO/DRO/MRO		
			Table I Closure Criteria for Soil 0-50 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg		600 mg/kg
Base Samples														
CS-1	3/28/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	464	
CS-2	3/28/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448	
CS-3	3/28/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672	
CS-4	3/28/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448	
CS-5	3/28/2024	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736	
CS-6	3/28/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80	
CS-7	3/28/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CS-8	3/28/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
CS-9	3/28/2024	2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
Sidewall Samples														
SW-1	3/28/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
SW-2	3/28/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	56.1	56.1	10.5	66.6	256	
SW-3	3/28/2024	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
SW-4	3/28/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400	
SW-5	3/28/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368	
SW-6	3/28/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	608	
SW-6A	4/8/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
SW-7	3/28/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1220	
SW-7A	4/8/2024	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	

## Notes:

- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B
- SP-1 Sample Point Excavated

- TPH analyses by EPA Method SW 8015 Mod.
- GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

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8. Peach shaded cells indicate analytical samples that exceed the NMAC 19.15.29.13 Table I Closure Criteria for the site (Surface to 4 Feet Below Grade).

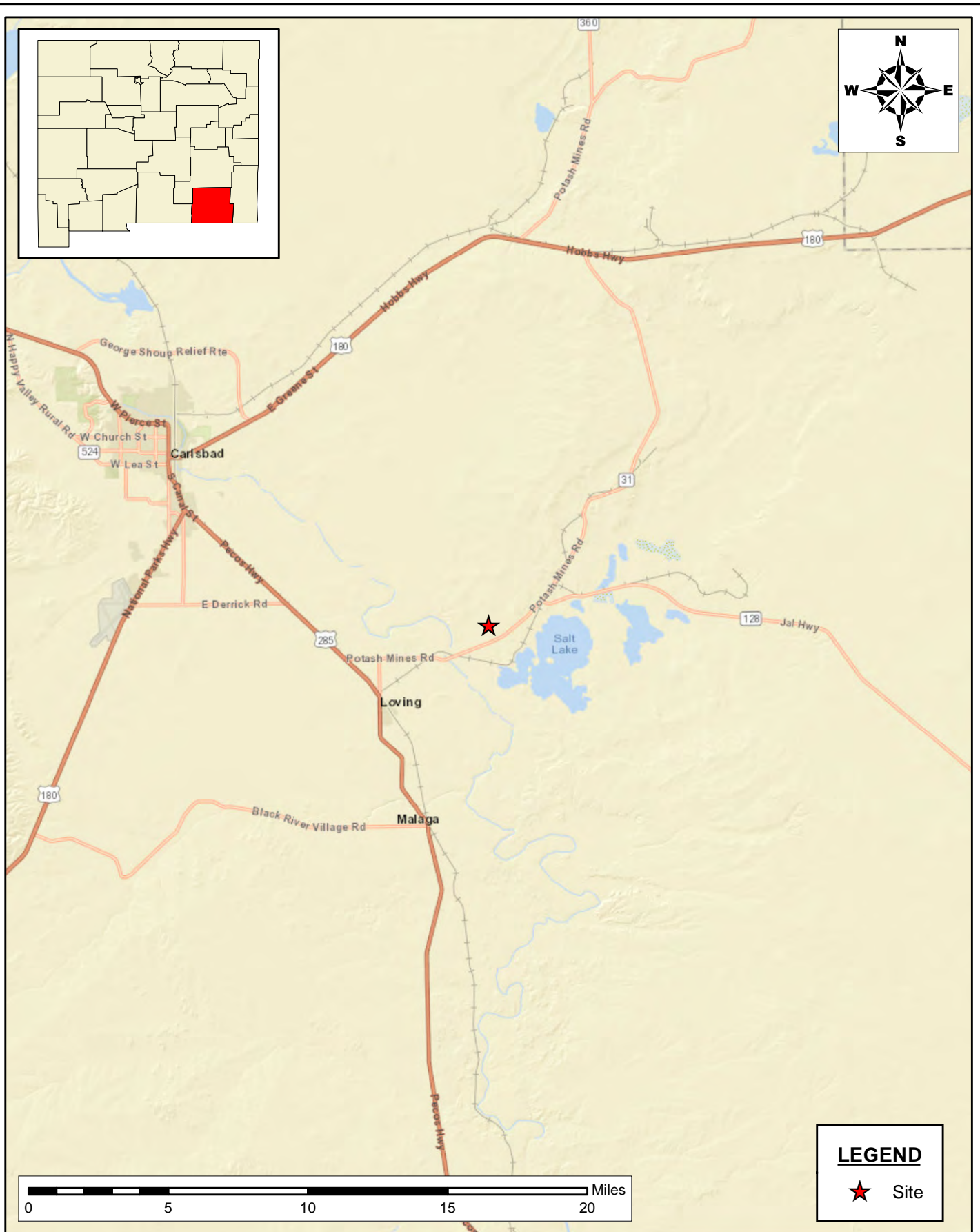
9. --- Not Analyzed



## **FIGURES**

---

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**SITE LOCATION MAP**  
 CLOSURE REPORT  
 DEVON ENERGY PRODUCTION COMPANY  
 LONGVIEW FEDERAL 1 #44H  
 EDDY COUNTY, NEW MEXICO  
 32.32916667, -104.03416667

SCALE: As Shown    Date: 11/10/2023    PROJECT #: 237866

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



**NOTES:**

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

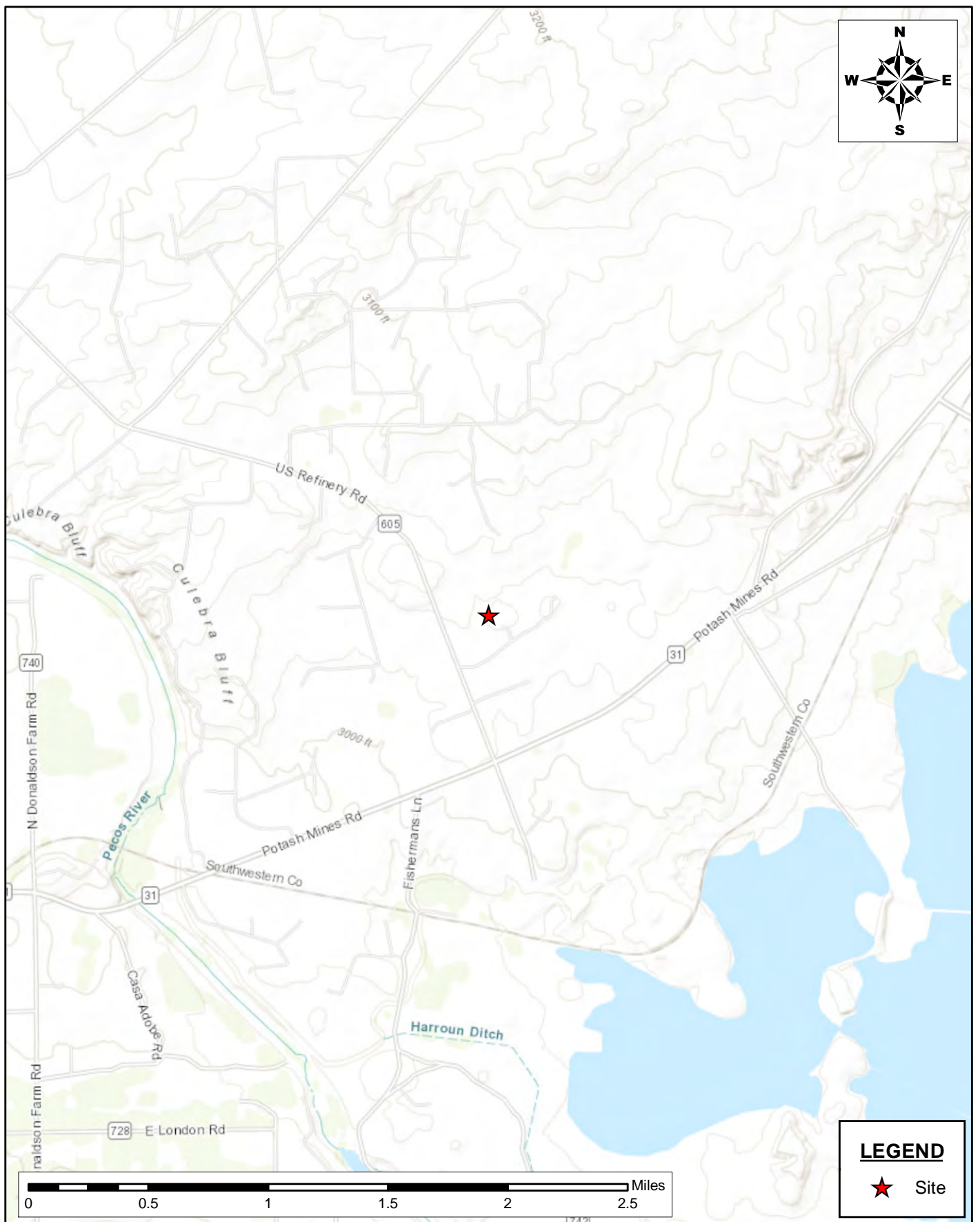
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**FIGURE 1**

SHEET NUMBER:

**1 of 1**

Document Path: C:\Users\ntgis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\NSC237866 - Longview Federal 1-44H - Figures\GIS\Figure\_2\_TM.mxd



**TOPOGRAPHIC MAP**  
 CLOSURE REPORT  
 DEVON ENERGY PRODUCTION COMPANY  
 LONGVIEW FEDERAL 1 #44H  
 EDDY COUNTY, NEW MEXICO  
 32.32916667, -104.03416667

SCALE: As Shown    Date: 11/10/2023    PROJECT #: 237866

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



**NOTES:**

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

DRAWING NUMBER:

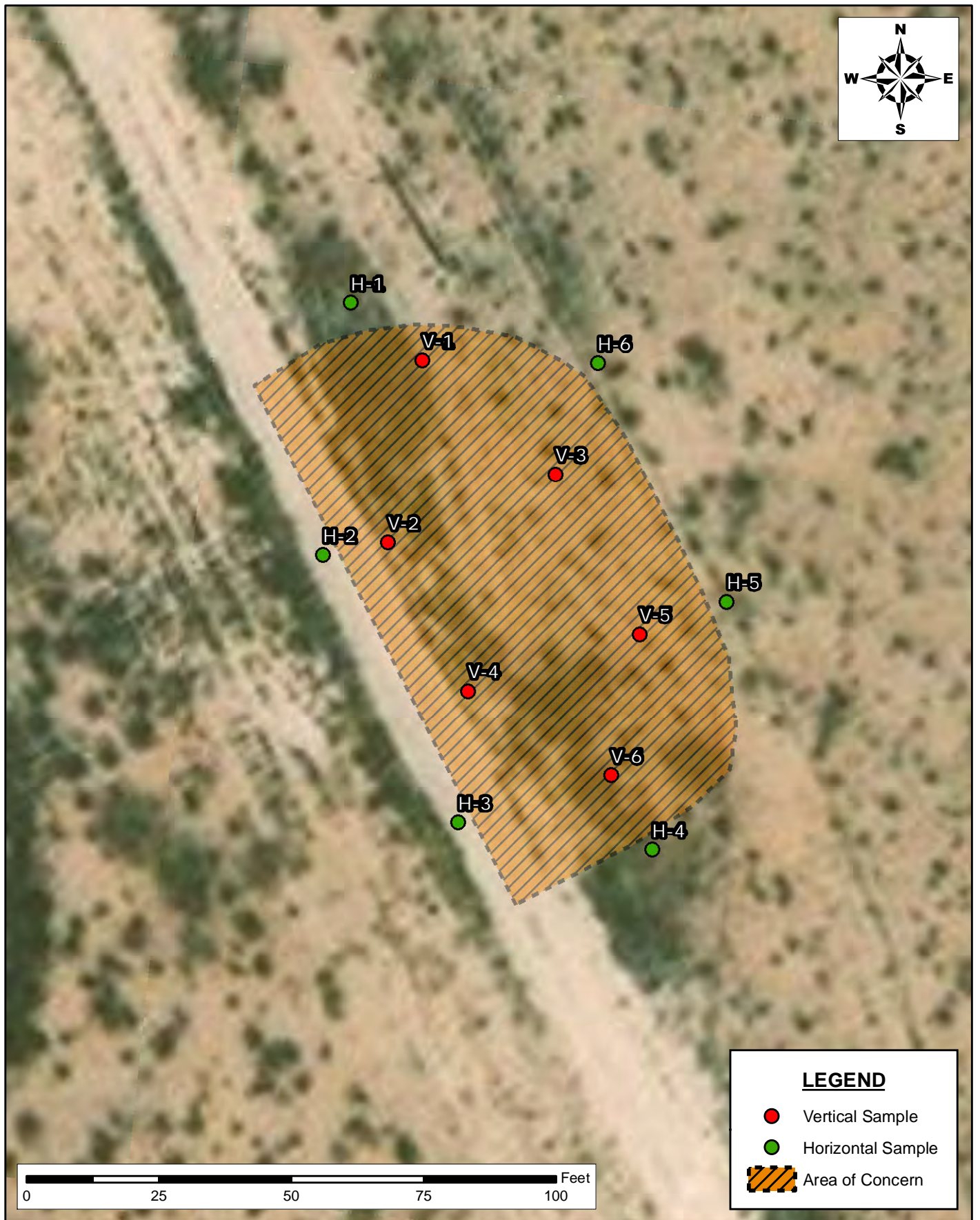
**FIGURE 2**

SHEET NUMBER:

**1 of 1**



Document Path: C:\Users\ntgis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\NRSC\237866 - Longview Federal 1-44H - Figures\GIS\Figure\_3\_Closure Map.mxd



**INITIAL SAMPLING MAP**  
CLOSURE REPORT  
DEVON ENERGY PRODUCTION COMPANY  
LONGVIEW FEDERAL 1 #44H  
EDDY COUNTY, NEW MEXICO  
32.32916667, -104.03416667

SCALE: AS SHOWN    DATE: 11/10/2023    PROJECT #: 237866



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

**NOTES:**

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

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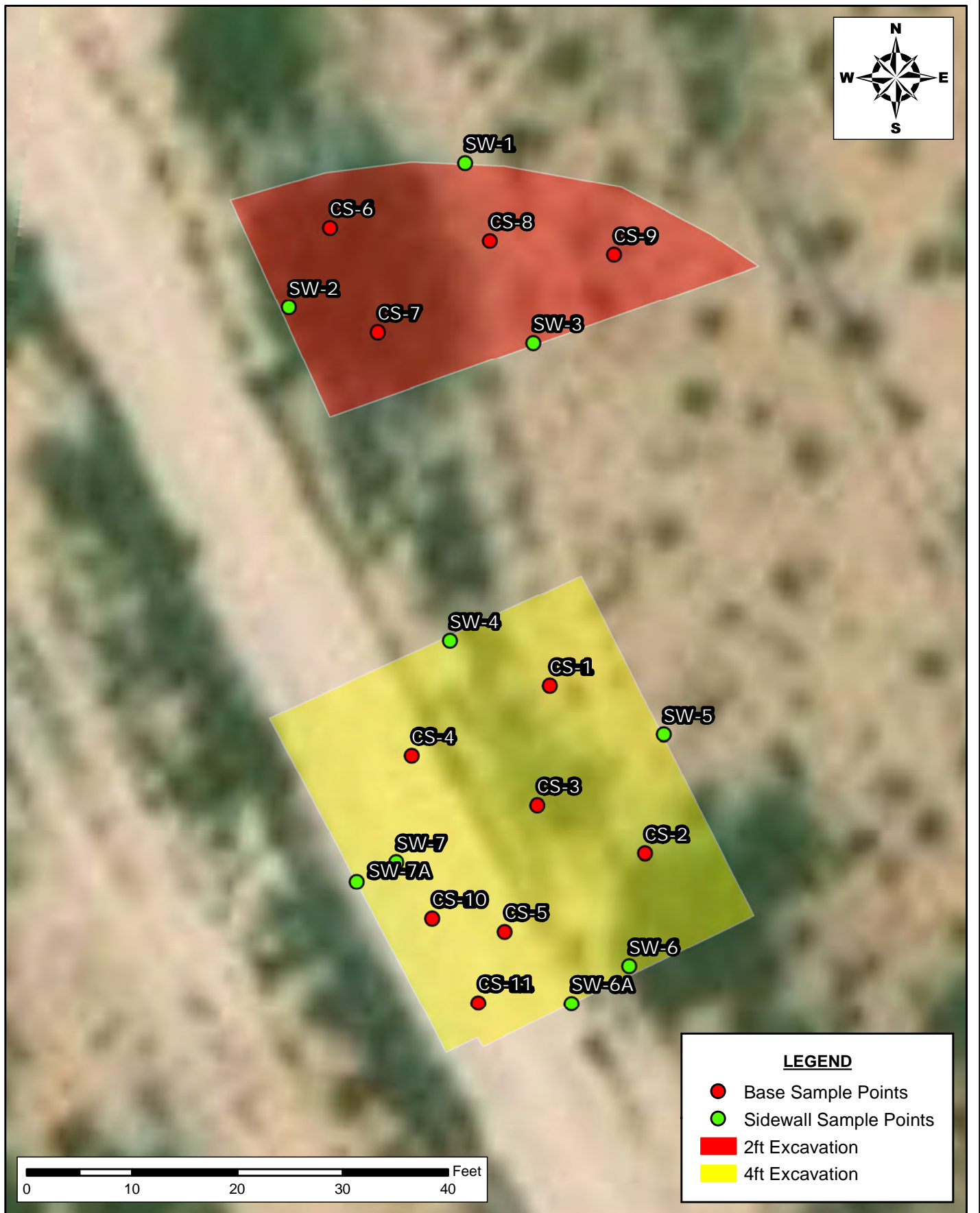
**FIGURE 3**

SHEET NUMBER:

**1 of 1**



Document Path: C:\Users\ntg\Documents\2024 PROJECTS\DEVONRSC\237866 - Longview Federal 1-44\7 - Figures\Figure 4.mxd



CONFIRMATION SAMPLE MAP  
CLOSURE REPORT  
LONGVIEW 1-44  
DEVON ENERGY PRODUCTION COMPANY  
EDDY COUNTY, NEW MEXICO

SCALE: AS SHOWN    DATE: 04/09/2024    PROJECT #: 237866



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

**NOTES:**

1. Base Image: ESRI Maps & Data 2017
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:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.



---

#### Photograph No. 2

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.



---

#### Photograph No. 3

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 4**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 5**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 6**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

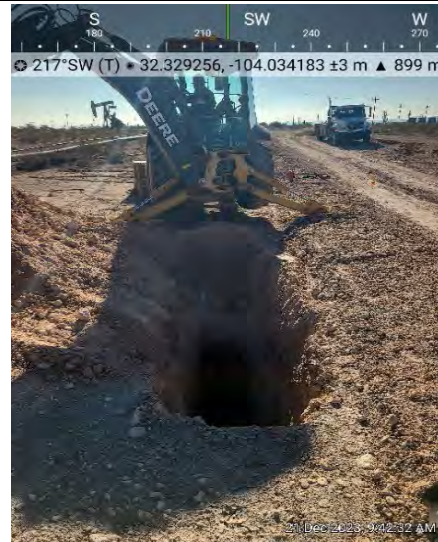
### Devon Energy Production Company

**Photograph No. 7**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 8**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

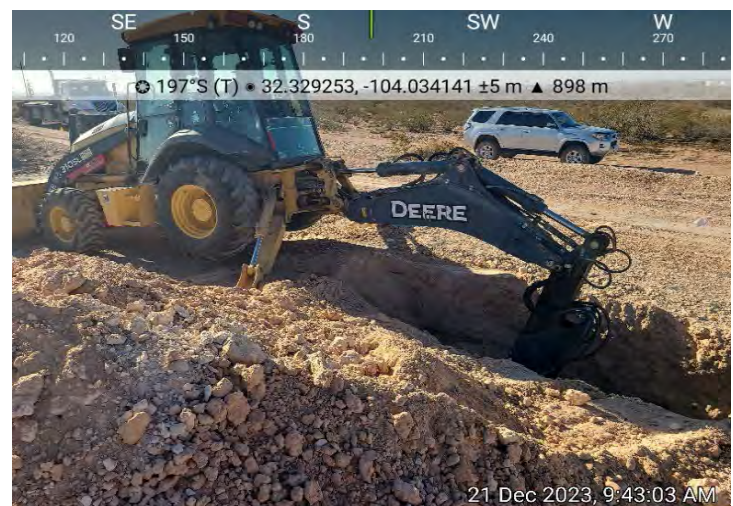
**Description:**  
Area of concern.

**Photograph No. 9**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 10**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 11**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

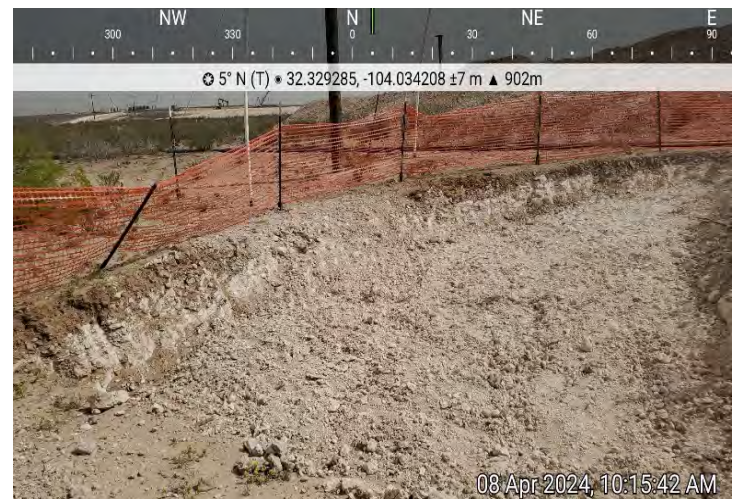
**Description:**  
Area of concern.

**Photograph No. 12**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 13**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 14**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.

**Photograph No. 15**

**Facility:** 200 Feet Northwest of the Longview  
Federal 1 #44H

**County:** Eddy County, New Mexico

**Description:**  
Area of concern.



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

Report to:  
Ethan Sessums



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

NTG-New Tech Global Environmental

Project Name: Longview Federal 1-44

Work Order: E309242

Job Number: 01058-0007

Received: 9/30/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
10/6/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.  
Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 10/6/23

Ethan Sessums  
911 Regional Park Dr.  
Houston, TX 77060



Project Name: Longview Federal 1-44  
Workorder: E309242  
Date Received: 9/30/2023 9:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 9/30/2023 9:30:00AM, under the Project Name: Longview Federal 1-44.

The analytical test results summarized in this report with the Project Name: Longview Federal 1-44 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

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

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

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

Respectfully,

**Walter Hinchman**  
Laboratory Director  
Office: 505-632-1881  
Cell: 775-287-1762  
[whinchman@envirotech-inc.com](mailto:whinchman@envirotech-inc.com)

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## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	5
Sample Data	6
V-1 0-0.5'	6
V-1 1-1.5'	7
V-2 0-0.5'	8
V-2 1-1.5'	9
V-3 0-0.5'	10
V-4 0-0.5'	11
V-5 0-0.5'	12
V-6 0-0.5'	13
H-1 0-0.5'	14
H-2 0-0.5'	15
H-3 0-0.5'	16
H-4 0-0.5'	17
H-5 0-0.5'	18
H-6 0-0.5'	19
QC Summary Data	20
QC - Volatile Organic Compounds by EPA 8260B	20
QC - Nonhalogenated Organics by EPA 8015D - GRO	21
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	22
QC - Anions by EPA 300.0/9056A	23
Definitions and Notes	24

## Table of Contents (continued)

Chain of Custody etc.

25



Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/06/23 14:00
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
V-1 0-0.5'	E309242-01A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
V-1 1-1.5'	E309242-02A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
V-2 0-0.5'	E309242-03A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
V-2 1-1.5'	E309242-04A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
V-3 0-0.5'	E309242-05A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
V-4 0-0.5'	E309242-06A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
V-5 0-0.5'	E309242-07A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
V-6 0-0.5'	E309242-08A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
H-1 0-0.5'	E309242-09A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
H-2 0-0.5'	E309242-10A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
H-3 0-0.5'	E309242-11A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
H-4 0-0.5'	E309242-12A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
H-5 0-0.5'	E309242-13A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.
H-6 0-0.5'	E309242-14A	Soil	09/26/23	09/30/23	Glass Jar, 4 oz.



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Longview Federal 1-44  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
10/6/2023 2:00:36PM

V-1 0-0.5'

E309242-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene	113 %	70-130		10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		10/02/23	10/04/23	
Surrogate: Toluene-d8	102 %	70-130		10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene	113 %	70-130		10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		10/02/23	10/04/23	
Surrogate: Toluene-d8	102 %	70-130		10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	69.8	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane	103 %	50-200		10/03/23	10/05/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	232	20.0	1	10/04/23	10/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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V-1 1-1.5'

E309242-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		108 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		103 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		108 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		103 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	95.7	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	63.7	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane		105 %	50-200	10/03/23	10/05/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	197	20.0	1	10/04/23	10/06/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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V-2 0-0.5'

E309242-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		102 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		99.0 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		102 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/05/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/05/23	
Surrogate: n-Nonane		104 %	50-200	10/03/23	10/05/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	70.5	20.0	1	10/04/23	10/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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V-2 1-1.5'

E309242-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		106 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		101 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		106 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		94.9 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		101 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		107 %	50-200	10/03/23	10/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	22.9	20.0	1	10/04/23	10/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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V-3 0-0.5'

E309242-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2340021	
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene	106 %	70-130		10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		10/02/23	10/04/23	
Surrogate: Toluene-d8	101 %	70-130		10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: RKS		Batch: 2340021	
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene	106 %	70-130		10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4	95.9 %	70-130		10/02/23	10/04/23	
Surrogate: Toluene-d8	101 %	70-130		10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2340049	
Diesel Range Organics (C10-C28)	36.9	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane	99.9 %	50-200		10/03/23	10/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2340064	
Chloride	95.5	20.0	1	10/04/23	10/06/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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V-4 0-0.5'

E309242-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		111 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		101 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		111 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		95.3 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		101 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	309	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	161	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		103 %	50-200	10/03/23	10/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	419	20.0	1	10/04/23	10/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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V-5 0-0.5'

E309242-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		99.7 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		94.2 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		99.7 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	41.7	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		104 %	50-200	10/03/23	10/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	221	20.0	1	10/04/23	10/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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V-6 0-0.5'

E309242-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		107 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		103 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		107 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		103 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		112 %	50-200	10/03/23	10/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	94.0	20.0	1	10/04/23	10/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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H-1 0-0.5'  
E309242-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		101 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		101 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		104 %	50-200	10/03/23	10/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	ND	20.0	1	10/04/23	10/06/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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H-2 0-0.5'  
E309242-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		101 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		101 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		109 %	50-200	10/03/23	10/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	ND	20.0	1	10/04/23	10/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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H-3 0-0.5'

E309242-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		102 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		95.7 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		102 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		113 %	50-200	10/03/23	10/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	143	20.0	1	10/04/23	10/06/23	



## Sample Data

NTG-New Tech Global Environmental  
911 Regional Park Dr.  
Houston TX, 77060

Project Name: Longview Federal 1-44  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
10/6/2023 2:00:36PM

**H-4 0-0.5'****E309242-12**

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		107 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		103 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		107 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		103 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		98.6 %	50-200	10/03/23	10/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	ND	20.0	1	10/04/23	10/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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H-5 0-0.5'  
E309242-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		112 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		103 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		112 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		103 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		94.6 %	50-200	10/03/23	10/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	ND	20.0	1	10/04/23	10/06/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 10/6/2023 2:00:36PM
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H-6 0-0.5'  
E309242-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Benzene	ND	0.0250	1	10/02/23	10/04/23	
Ethylbenzene	ND	0.0250	1	10/02/23	10/04/23	
Toluene	ND	0.0250	1	10/02/23	10/04/23	
o-Xylene	ND	0.0250	1	10/02/23	10/04/23	
p,m-Xylene	ND	0.0500	1	10/02/23	10/04/23	
Total Xylenes	ND	0.0250	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		104 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2340021
Gasoline Range Organics (C6-C10)	ND	20.0	1	10/02/23	10/04/23	
Surrogate: Bromofluorobenzene		110 %	70-130	10/02/23	10/04/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	10/02/23	10/04/23	
Surrogate: Toluene-d8		104 %	70-130	10/02/23	10/04/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2340049
Diesel Range Organics (C10-C28)	ND	25.0	1	10/03/23	10/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	10/03/23	10/06/23	
Surrogate: n-Nonane		91.3 %	50-200	10/03/23	10/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2340064
Chloride	ND	20.0	1	10/04/23	10/06/23	



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Longview Federal 1-44	Reported:  10/6/2023 2:00:36PM
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	

Volatile Organic Compounds by EPA 8260B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2340021-BLK1) Prepared: 10/02/23 Analyzed: 10/04/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2340021-BS1) Prepared: 10/02/23 Analyzed: 10/04/23

Benzene	2.31	0.0250	2.50		92.5	70-130			
Ethylbenzene	2.37	0.0250	2.50		95.0	70-130			
Toluene	2.25	0.0250	2.50		89.9	70-130			
o-Xylene	2.40	0.0250	2.50		96.0	70-130			
p,m-Xylene	4.71	0.0500	5.00		94.1	70-130			
Total Xylenes	7.11	0.0250	7.50		94.8	70-130			
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.466		0.500		93.1	70-130			
Surrogate: Toluene-d8	0.499		0.500		99.8	70-130			

Matrix Spike (2340021-MS1) Source: E309242-02 Prepared: 10/02/23 Analyzed: 10/04/23

Benzene	2.44	0.0250	2.50	ND	97.6	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	99.0	45-135			
Toluene	2.38	0.0250	2.50	ND	95.0	48-130			
o-Xylene	2.46	0.0250	2.50	ND	98.5	43-135			
p,m-Xylene	4.81	0.0500	5.00	ND	96.2	43-135			
Total Xylenes	7.27	0.0250	7.50	ND	96.9	43-135			
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.492		0.500		98.4	70-130			
Surrogate: Toluene-d8	0.506		0.500		101	70-130			

Matrix Spike Dup (2340021-MSD1) Source: E309242-02 Prepared: 10/02/23 Analyzed: 10/04/23

Benzene	2.58	0.0250	2.50	ND	103	48-131	5.50	23	
Ethylbenzene	2.69	0.0250	2.50	ND	108	45-135	8.29	27	
Toluene	2.59	0.0250	2.50	ND	104	48-130	8.62	24	
o-Xylene	2.86	0.0250	2.50	ND	114	43-135	14.8	27	
p,m-Xylene	5.54	0.0500	5.00	ND	111	43-135	14.2	27	
Total Xylenes	8.40	0.0250	7.50	ND	112	43-135	14.4	27	
Surrogate: Bromofluorobenzene	0.540		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.484		0.500		96.8	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Longview Federal 1-44	Reported:  10/6/2023 2:00:36PM
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2340021-BLK1) Prepared: 10/02/23 Analyzed: 10/04/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.544		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.503		0.500		101	70-130			
Surrogate: Toluene-d8	0.525		0.500		105	70-130			

LCS (2340021-BS2) Prepared: 10/02/23 Analyzed: 10/04/23

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0		109	70-130			
Surrogate: Bromofluorobenzene	0.552		0.500		110	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.3	70-130			
Surrogate: Toluene-d8	0.507		0.500		101	70-130			

Matrix Spike (2340021-MS2) Source: E309242-02 Prepared: 10/02/23 Analyzed: 10/04/23

Gasoline Range Organics (C6-C10)	54.7	20.0	50.0	ND	109	70-130			
Surrogate: Bromofluorobenzene	0.541		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.3	70-130			
Surrogate: Toluene-d8	0.505		0.500		101	70-130			

Matrix Spike Dup (2340021-MSD2) Source: E309242-02 Prepared: 10/02/23 Analyzed: 10/04/23

Gasoline Range Organics (C6-C10)	59.7	20.0	50.0	ND	119	70-130	8.76	20	
Surrogate: Bromofluorobenzene	0.555		0.500		111	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.491		0.500		98.1	70-130			
Surrogate: Toluene-d8	0.517		0.500		103	70-130			





QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/6/2023 2:00:36PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2340049-BLK1) Prepared: 10/03/23 Analyzed: 10/05/23

Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.5		50.0		105	50-200			

LCS (2340049-BS1) Prepared: 10/03/23 Analyzed: 10/05/23

Diesel Range Organics (C10-C28)	233	25.0	250		93.2	38-132			
Surrogate: n-Nonane	51.9		50.0		104	50-200			

Matrix Spike (2340049-MS1) Source: E309242-14 Prepared: 10/03/23 Analyzed: 10/05/23

Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.6	38-132			
Surrogate: n-Nonane	52.8		50.0		106	50-200			

Matrix Spike Dup (2340049-MSD1) Source: E309242-14 Prepared: 10/03/23 Analyzed: 10/05/23

Diesel Range Organics (C10-C28)	271	25.0	250	ND	108	38-132	9.39	20	
Surrogate: n-Nonane	57.3		50.0		115	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Longview Federal 1-44 Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  10/6/2023 2:00:36PM
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Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2340064-BLK1)					Prepared: 10/04/23 Analyzed: 10/06/23				
Chloride	ND	20.0							
LCS (2340064-BS1)					Prepared: 10/04/23 Analyzed: 10/06/23				
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2340064-MS1)					Source: E309242-01		Prepared: 10/04/23 Analyzed: 10/06/23		
Chloride	435	20.0	250	232	81.1	80-120			
Matrix Spike Dup (2340064-MSD1)					Source: E309242-01		Prepared: 10/04/23 Analyzed: 10/06/23		
Chloride	457	20.0	250	232	89.8	80-120	4.85	20	

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



Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Longview Federal 1-44	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	10/06/23 14:00

- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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



## Chain of Custody


 Work Order No: E309242  
 Job# 01058-0007
Page 1 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

Work Order Comments	
Program:	UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level 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:		Longview Federal 1-44		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		237866		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H <sub>2</sub> O			
Project Location		Eddy Co, NM		Due Date:																Cool: Cool MeOH: Me			
Sampler's Name:		Grant Gardner		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO <sub>3</sub> : HN			
PO #:		21217951																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Wet Ice:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>														H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:																NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:																Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		48														Zn Acetate+NaOH: Zn			
Total Containers:		14		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont	HOLD												Sample Comments			
V-1	0-0.5	9/26/2023		X		Grab	1	X	X	X								1					
V-1	1-1.5	9/26/2023		X		Grab	1	X	X	X								2					
V-2	0-0.5	9/26/2023		X		Grab	1	X	X	X								3					
V-2	1-1.5	9/26/2023		X		Grab	1	X	X	X								4					
V-3	0-0.5	9/26/2023		X		Grab	1	X	X	X								5					
V-4	0-0.5	9/26/2023		X		Grab	1	X	X	X								6					
V-5	0-0.5	9/26/2023		X		Grab	1	X	X	X								7					
V-6	0-0.5	9/26/2023		X		Grab	1	X	X	X								8					
H-1	0-0.5	9/26/2023		X		Grab	1	X	X	X								9					
H-2	0-0.5	9/26/2023		X		Grab	1	X	X	X								10					

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
		9/29/23 1030			9/27/23 2330
		9/30/23 930			





## Chain of Custody

 Work Order No: E309242  
 Job# 01058-0007
Page 2 of 2

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-701-2159	Email:	esessums@ntglobal.com

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

Project Name:		Longview Federal 1-44		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number:		237866		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Due Date:		Parameters BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500 HOLD												None: NO		DI Water: H <sub>2</sub> O	
Project Location		Eddy Co, NM		TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool		MeOH: Me	
Sampler's Name:		Grant Gardner																		HCL: HC		HNO <sub>3</sub> : HN	
PO #:		21217951																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>		NaOH: Na	
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>															
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:																			
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:																			
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		40°C																	
Total Containers:		14		Corrected Temperature:																			
Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments			
H-3	0-0.5	9/26/2023		X		Grab	1	X	X	X									11				
H-4	0-0.5	9/26/2023		X		Grab	1	X	X	X									12				
H-5	0-0.5	9/26/2023		X		Grab	1	X	X	X									13				
H-6	0-0.5	9/26/2023		X		Grab	1	X	X	X									14				
																			15				
																			16				
																			17				
																			18				
																			19				
																			20 CM				

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
		9-29-23 1030			9/29/23 2330
		9/30/23 930			

## Envirotech Analytical Laboratory

Printed: 10/2/2023 10:55:02AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	NTG-New Tech Global Environmental	Date Received:	09/30/23 09:30	Work Order ID:	E309242
Phone:	(281) 872-9300	Date Logged In:	09/29/23 19:26	Logged In By:	Alexa Michaels
Email:	esssums@ntglobal.com	Due Date:	10/06/23 17:00 (4 day TAT)		

Chain of Custody (COC)

1. Does the sample ID match the COC? Yes
2. Does the number of samples per sampling site location match the COC? Yes
3. Were samples dropped off by client or carrier? Yes
4. Was the COC complete, i.e., signatures, dates/times, requested analyses? No
5. Were all samples received within holding time? Yes

Note: Analysis, such as pH which should be conducted in the field, i.e., 15 minute hold time, are not included in this discussion.

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client. SRC email not sent per client request.

Sample Turn Around Time (TAT)

6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? No
11. If yes, were custody/security seals intact? NA
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

14. Are aqueous VOC samples present? No
15. Are VOC samples collected in VOA Vials? NA
16. Is the head space less than 6-8 mm (pea sized or less)? NA
17. Was a trip blank (TB) included for VOC analyses? NA
18. Are non-VOC samples collected in the correct containers? Yes
19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

20. Were field sample labels filled out with the minimum information:
  - Sample ID? Yes
  - Date/Time Collected? Yes
  - Collectors name? Yes

Sample Preservation

21. Does the COC or field labels indicate the samples were preserved? No
22. Are sample(s) correctly preserved? NA
24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

26. Does the sample have more than one phase, i.e., multiphase? No
27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

28. Are samples required to get sent to a subcontract laboratory? No
29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: NA

Client Instruction

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

Date



envirotech Inc.



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

November 10, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LONGVIEW FED 1 #44

Enclosed are the results of analyses for samples received by the laboratory on 11/07/23 13:04.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 11/07/2023  
 Reported: 11/10/2023  
 Project Name: LONGVIEW FED 1 #44  
 Project Number: 237866  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 11/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 ( 0-6 ) (H236100-01)**

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	11/09/2023	ND	1.98	99.2	2.00	8.15		
Toluene*	<0.050	0.050	11/09/2023	ND	2.05	102	2.00	7.15		
Ethylbenzene*	<0.050	0.050	11/09/2023	ND	2.04	102	2.00	7.91		
Total Xylenes*	<0.150	0.150	11/09/2023	ND	6.09	101	6.00	8.00		
Total BTEX	<0.300	0.300	11/09/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 121 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	11/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2023	ND	202	101	200	7.03	
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	206	103	200	4.62	
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 11/07/2023  
 Reported: 11/10/2023  
 Project Name: LONGVIEW FED 1 #44  
 Project Number: 237866  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 11/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 ( 1-1.5 ) (H236100-02)**

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	11/09/2023	ND	1.98	99.2	2.00	8.15	
Toluene*	<0.050	0.050	11/09/2023	ND	2.05	102	2.00	7.15	
Ethylbenzene*	<0.050	0.050	11/09/2023	ND	2.04	102	2.00	7.91	
Total Xylenes*	<0.150	0.150	11/09/2023	ND	6.09	101	6.00	8.00	
Total BTEX	<0.300	0.300	11/09/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2023	ND	202	101	200	7.03	
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	206	103	200	4.62	
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 11/07/2023  
 Reported: 11/10/2023  
 Project Name: LONGVIEW FED 1 #44  
 Project Number: 237866  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 11/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 ( 2-2.5 ) (H236100-03)**

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	11/09/2023	ND	1.98	99.2	2.00	8.15	
Toluene*	<0.050	0.050	11/09/2023	ND	2.05	102	2.00	7.15	
Ethylbenzene*	<0.050	0.050	11/09/2023	ND	2.04	102	2.00	7.91	
Total Xylenes*	<0.150	0.150	11/09/2023	ND	6.09	101	6.00	8.00	
Total BTEX	<0.300	0.300	11/09/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/08/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2023	ND	202	101	200	7.03	
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	206	103	200	4.62	
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 11/07/2023  
 Reported: 11/10/2023  
 Project Name: LONGVIEW FED 1 #44  
 Project Number: 237866  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 11/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 ( 3-3.5 ) (H236100-04)**

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	11/09/2023	ND	1.98	99.2	2.00	8.15		
Toluene*	<0.050	0.050	11/09/2023	ND	2.05	102	2.00	7.15		
Ethylbenzene*	<0.050	0.050	11/09/2023	ND	2.04	102	2.00	7.91		
Total Xylenes*	<0.150	0.150	11/09/2023	ND	6.09	101	6.00	8.00		
Total BTEX	<0.300	0.300	11/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	11/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2023	ND	202	101	200	7.03	
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	206	103	200	4.62	
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 11/07/2023  
 Reported: 11/10/2023  
 Project Name: LONGVIEW FED 1 #44  
 Project Number: 237866  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 11/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 ( 4-4.5 ) (H236100-05)**

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	11/09/2023	ND	1.98	99.2	2.00	8.15		
Toluene*	<0.050	0.050	11/09/2023	ND	2.05	102	2.00	7.15		
Ethylbenzene*	<0.050	0.050	11/09/2023	ND	2.04	102	2.00	7.91		
Total Xylenes*	<0.150	0.150	11/09/2023	ND	6.09	101	6.00	8.00		
Total BTEX	<0.300	0.300	11/09/2023	ND						

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

Chloride, SM4500Cl-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	11/08/2023	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	11/09/2023	ND	202	101	200	7.03		
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	206	103	200	4.62		
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND						

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 11/07/2023  
 Reported: 11/10/2023  
 Project Name: LONGVIEW FED 1 #44  
 Project Number: 237866  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 11/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 1 ( 5-5.5 ) (H236100-06)**

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	11/09/2023	ND	1.98	99.2	2.00	8.15		
Toluene*	<0.050	0.050	11/09/2023	ND	2.05	102	2.00	7.15		
Ethylbenzene*	<0.050	0.050	11/09/2023	ND	2.04	102	2.00	7.91		
Total Xylenes*	<0.150	0.150	11/09/2023	ND	6.09	101	6.00	8.00		
Total BTEX	<0.300	0.300	11/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	11/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2023	ND	202	101	200	7.03	
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	206	103	200	4.62	
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 11/07/2023  
 Reported: 11/10/2023  
 Project Name: LONGVIEW FED 1 #44  
 Project Number: 237866  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 11/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 ( 0-6 ) (H236100-07)**

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	11/09/2023	ND	1.98	99.2	2.00	8.15	
Toluene*	<0.050	0.050	11/09/2023	ND	2.05	102	2.00	7.15	
Ethylbenzene*	<0.050	0.050	11/09/2023	ND	2.04	102	2.00	7.91	
Total Xylenes*	<0.150	0.150	11/09/2023	ND	6.09	101	6.00	8.00	
Total BTEX	<0.300	0.300	11/09/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	11/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2023	ND	202	101	200	7.03	
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	206	103	200	4.62	
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 11/07/2023  
 Reported: 11/10/2023  
 Project Name: LONGVIEW FED 1 #44  
 Project Number: 237866  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 11/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 ( 1-1.5 ) (H236100-08)**

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	11/09/2023	ND	1.98	99.2	2.00	8.15	
Toluene*	<0.050	0.050	11/09/2023	ND	2.05	102	2.00	7.15	
Ethylbenzene*	<0.050	0.050	11/09/2023	ND	2.04	102	2.00	7.91	
Total Xylenes*	<0.150	0.150	11/09/2023	ND	6.09	101	6.00	8.00	
Total BTEX	<0.300	0.300	11/09/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	11/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2023	ND	202	101	200	7.03	
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	206	103	200	4.62	
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 11/07/2023  
 Reported: 11/10/2023  
 Project Name: LONGVIEW FED 1 #44  
 Project Number: 237866  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 11/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 ( 2-2.5 ) (H236100-09)**

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	11/09/2023	ND	1.98	99.2	2.00	8.15		
Toluene*	<0.050	0.050	11/09/2023	ND	2.05	102	2.00	7.15		
Ethylbenzene*	<0.050	0.050	11/09/2023	ND	2.04	102	2.00	7.91		
Total Xylenes*	<0.150	0.150	11/09/2023	ND	6.09	101	6.00	8.00		
Total BTEX	<0.300	0.300	11/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3680	16.0	11/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2023	ND	202	101	200	7.03	
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	206	103	200	4.62	
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 11/07/2023  
 Reported: 11/10/2023  
 Project Name: LONGVIEW FED 1 #44  
 Project Number: 237866  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 11/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 ( 3-3.5 ) (H236100-10)**

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	11/09/2023	ND	1.98	99.2	2.00	8.15		
Toluene*	<0.050	0.050	11/09/2023	ND	2.05	102	2.00	7.15		
Ethylbenzene*	<0.050	0.050	11/09/2023	ND	2.04	102	2.00	7.91		
Total Xylenes*	<0.150	0.150	11/09/2023	ND	6.09	101	6.00	8.00		
Total BTEX	<0.300	0.300	11/09/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5600	16.0	11/08/2023	ND	432	108	400	3.64	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	11/09/2023	ND	202	101	200	7.03	
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	206	103	200	4.62	
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 11/07/2023  
 Reported: 11/10/2023  
 Project Name: LONGVIEW FED 1 #44  
 Project Number: 237866  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 11/07/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: V - 4 ( 4-4.5 ) (H236100-11)**

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	11/09/2023	ND	1.98	99.2	2.00	8.15		
Toluene*	<0.050	0.050	11/09/2023	ND	2.05	102	2.00	7.15		
Ethylbenzene*	<0.050	0.050	11/09/2023	ND	2.04	102	2.00	7.91		
Total Xylenes*	<0.150	0.150	11/09/2023	ND	6.09	101	6.00	8.00		
Total BTEX	<0.300	0.300	11/09/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5600	16.0	11/08/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	11/09/2023	ND	201	100	200	1.96	
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	189	94.4	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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\*=Accredited Analyte

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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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A handwritten signature in black ink, appearing to read "C. D. Keene".

Celey D. Keene, Lab Director/Quality Manager





## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

<b>Company Name:</b> NTGE		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>	
<b>Project Manager:</b> Ethan Sessions	<b>P.O. #:</b>				
<b>Address:</b> 209 W Melway St	<b>Company:</b>				
<b>City:</b> Carlsbad	<b>Attn:</b>				
<b>State:</b> NM Zip: 88220	<b>Address:</b>				
<b>Phone #:</b> (254) 266-5456 Fax #:	<b>City:</b>				
<b>Project #:</b> 237866 <b>Project Owner:</b>	<b>State:</b>				
<b>Project Location:</b> Longview Fed. I #44	<b>Zip:</b>				
<b>Sampler Name:</b> Clayton Lomas	<b>Phone #:</b>				
<b>Fax #:</b>	<b>Fax #:</b>				

FOR LAB USE ONLY		MATRIX	PRESERV.	SAMPLING	TPH	BTEX	Chloride										
<b>Lab I.D.</b>	<b>Sample I.D.</b>	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME			
H0340100	V-1 (0-6)	✓	1			5							11/17	10:00			
	V-1 (0-1.5)													10:03			
	V-1 (2-2.5)													10:06			
	V-1 (3-3.5)													10:09			
	V-1 (4-4.5)													10:12			
	V-1 (5-5.5)													10:15			
	V-4 (0-6)													10:18			
	V-4 (1-1.5)													10:21			
	V-4 (2-2.5)													10:24			
	V-4 (3-3.5)													10:27			

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<b>Relinquished By:</b> Clayton T	<b>Date:</b> 11/13/3	<b>Received By:</b> Eddy Lomas	<b>Verbal Result:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>Add'l Phone #:</b>
<b>Time:</b> 1304	<b>Date:</b>	<b>Received By:</b>	<b>All Results are emailed. Please provide Email address:</b>
<b>Reinquinshed By:</b>	<b>Date:</b>	<b>Received By:</b>	<b>REMARKS:</b>
<b>Time:</b>	<b>Date:</b>	<b>Received By:</b>	<b>REMARKS:</b>

<b>Delivered By:</b> (Circle One) <b>Sampler - UPS - Bus - Other:</b>	<b>Observed Temp. °C</b> 51c	<b>Corrected Temp. °C</b>	<b>Sample Condition</b> Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	<b>CHECKED BY:</b> (Initials)	<b>Turnaround Time:</b>	<b>Standard</b> <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	<b>Bacteria (only)</b> Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Thermometer ID #140</b>	<b>Correction Factor 0°C</b>						<b>Observed Temp. °C</b> <b>Corrected Temp. °C</b>





Company Name: NTGE

<sup>†</sup> Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



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

April 02, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LONGVIEW 44

Enclosed are the results of analyses for samples received by the laboratory on 03/28/24 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://www.tceq.texas.gov/field/qa/lab_accred_certif.html).

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 1 4' (H241630-01)**

BTX 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	03/28/2024	ND	2.12	106	2.00	1.02	
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776	
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587	
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557	
Total BTX	<0.300	0.300	03/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	04/01/2024	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 2 4' (H241630-02)**

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	03/28/2024	ND	2.12	106	2.00	1.02	
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776	
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587	
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557	
Total BTEX	<0.300	0.300	03/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	04/01/2024	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 97.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 3 4' (H241630-03)**

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	03/28/2024	ND	2.12	106	2.00	1.02	
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776	
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587	
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557	
Total BTEX	<0.300	0.300	03/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	672	16.0	04/01/2024	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 4 4' (H241630-04)**

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	03/28/2024	ND	2.12	106	2.00	1.02	
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776	
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587	
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557	
Total BTEX	<0.300	0.300	03/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	04/01/2024	ND	432	108	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 5 4' (H241630-05)**

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	03/28/2024	ND	2.12	106	2.00	1.02		
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557		
Total BTEx	<0.300	0.300	03/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	736	16.0	04/01/2024	ND	432	108	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 6 2' (H241630-06)**

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	03/28/2024	ND	2.12	106	2.00	1.02		
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557		
Total BTEx	<0.300	0.300	03/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/01/2024	ND	432	108	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 7 2' (H241630-07)**

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	03/28/2024	ND	2.12	106	2.00	1.02		
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	03/28/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/01/2024	ND	432	108	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 8 2' (H241630-08)**

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	03/28/2024	ND	2.12	106	2.00	1.02	
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776	
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587	
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557	
Total BTEX	<0.300	0.300	03/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/01/2024	ND	432	108	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 9 2' (H241630-09)**

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	03/28/2024	ND	2.12	106	2.00	1.02	
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776	
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587	
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557	
Total BTEX	<0.300	0.300	03/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/01/2024	ND	432	108	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 97.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 1 0-2' (H241630-10)**

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	03/28/2024	ND	2.12	106	2.00	1.02	
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776	
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587	
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557	
Total BTEX	<0.300	0.300	03/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/01/2024	ND	432	108	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	03/28/2024	Sampling Date:	03/28/2024
Reported:	04/02/2024	Sampling Type:	Soil
Project Name:	LONGVIEW 44	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - EDDY COUNTY, NM		

**Sample ID: SW - 2 0-2' (H241630-11)**

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	03/28/2024	ND	2.12	106	2.00	1.02	
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776	
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587	
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557	
Total BTEX	<0.300	0.300	03/28/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/01/2024	ND	432	108	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	56.1	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	10.5	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 76.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 3 0-2' (H241630-12)**

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	03/28/2024	ND	2.12	106	2.00	1.02		
Toluene*	<0.050	0.050	03/28/2024	ND	2.13	106	2.00	0.776		
Ethylbenzene*	<0.050	0.050	03/28/2024	ND	2.08	104	2.00	0.587		
Total Xylenes*	<0.150	0.150	03/28/2024	ND	6.26	104	6.00	0.557		
Total BTEx	<0.300	0.300	03/28/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/01/2024	ND	432	108	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 75.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 4 0-4' (H241630-13)**

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	03/29/2024	ND	2.12	106	2.00	1.02		
Toluene*	<0.050	0.050	03/29/2024	ND	2.13	106	2.00	0.776		
Ethylbenzene*	<0.050	0.050	03/29/2024	ND	2.08	104	2.00	0.587		
Total Xylenes*	<0.150	0.150	03/29/2024	ND	6.26	104	6.00	0.557		
Total BTEx	<0.300	0.300	03/29/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	04/01/2024	ND	432	108	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	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 85.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 5 0-4' (H241630-14)**

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	03/29/2024	ND	2.12	106	2.00	1.02		
Toluene*	<0.050	0.050	03/29/2024	ND	2.13	106	2.00	0.776		
Ethylbenzene*	<0.050	0.050	03/29/2024	ND	2.08	104	2.00	0.587		
Total Xylenes*	<0.150	0.150	03/29/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	03/29/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	04/01/2024	ND	432	108	400	3.77	
TPH 8015M		mg/kg		Analyzed By: MS					
									S-04

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	03/28/2024	ND	221	111	200	6.87	
DRO >C10-C28*	<10.0	10.0	03/28/2024	ND	229	115	200	11.3	
EXT DRO >C28-C36	<10.0	10.0	03/28/2024	ND					

Surrogate: 1-Chlorooctane 161 % 48.2-134

Surrogate: 1-Chlorooctadecane 156 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 6 0-4' (H241630-15)**

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	03/29/2024	ND	2.12	106	2.00	1.02		
Toluene*	<0.050	0.050	03/29/2024	ND	2.13	106	2.00	0.776		
Ethylbenzene*	<0.050	0.050	03/29/2024	ND	2.08	104	2.00	0.587		
Total Xylenes*	<0.150	0.150	03/29/2024	ND	6.26	104	6.00	0.557		
Total BTEX	<0.300	0.300	03/29/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	608	16.0	04/01/2024	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/01/2024	ND	229	115	200	4.88	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	235	117	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 142 % 48.2-134

Surrogate: 1-Chlorooctadecane 142 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 03/28/2024  
 Reported: 04/02/2024  
 Project Name: LONGVIEW 44  
 Project Number: NONE GIVEN  
 Project Location: DEVON - EDDY COUNTY, NM

Sampling Date: 03/28/2024  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: SW - 7 0-4' (H241630-16)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/01/2024	ND	2.04	102	2.00	4.16		
Toluene*	<0.050	0.050	04/01/2024	ND	2.03	101	2.00	5.14		
Ethylbenzene*	<0.050	0.050	04/01/2024	ND	1.96	98.2	2.00	5.34		
Total Xylenes*	<0.150	0.150	04/01/2024	ND	5.95	99.1	6.00	4.96		
Total BTEX	<0.300	0.300	04/01/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1220	16.0	04/01/2024	ND	432	108	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	04/01/2024	ND	229	115	200	4.88	
DRO >C10-C28*	<10.0	10.0	04/01/2024	ND	235	117	200	7.61	
EXT DRO >C28-C36	<10.0	10.0	04/01/2024	ND					

Surrogate: 1-Chlorooctane 88.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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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A handwritten signature in black ink, appearing to read "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

<b>Company Name:</b> N-TRC		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																					
<b>Project Manager:</b> Ethan Seassins		<b>P.O. #:</b>																							
<b>Address:</b> 209 W Melany		<b>Company:</b>																							
<b>City:</b> Carlsbad		<b>Attn:</b>																							
<b>Phone #:</b> 734-266-586		<b>Address:</b>																							
<b>Fax #:</b>		<b>City:</b>																							
<b>Project #:</b>		<b>State:</b> NM																							
<b>Project Name:</b> Longview 44		<b>Zip:</b> 88220																							
<b>Project Location:</b> Eddy		<b>Phone #:</b>																							
<b>Sampler Name:</b> Tyler Lemah		<b>Fax #:</b>																							
<b>FOR LAB USE ONLY</b>																									
<b>Lab I.D.</b>		<b>Sample I.D.</b>		<b>(G)RAB OR (C)OMP.</b>		<b># CONTAINERS</b>		<b>MATRIX</b>		<b>PRESERV.</b>		<b>SAMPLING</b>													
H241636		CS-1 4'		1		GROUNDWATER								TPH											
1		CS-2 4'		1		WASTEWATER								Chlorides											
2		CS-3 4'		1		SOIL								BTEX											
3		CS-4 4'		1		OIL																			
4		CS-5 4'		1		SLUDGE																			
5		CS-6 2'		1		OTHER :																			
6		CS-7 2'		1		ACID/BASE:																			
7		CS-8 2'		1		ICE / COOL																			
8		CS-9 2'		1		OTHER :																			
9		SW-1 0-2'		1		DATE		3-28		TIME		9:01													
10																									
<b>PLEASE NOTE:</b> Liability and Damages. Cardinal's 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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, 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.																									
<b>Relinquished By:</b>		<b>Date:</b> 3-28		<b>Received By:</b>		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:		<b>All Results are emailed. Please provide Email address:</b>																	
<b>Relinquished By:</b>		<b>Time:</b> 12:15		<b>Received By:</b>		<b>REMARKS:</b>																			
<b>Delivered By: (Circle One)</b>		<b>Observed Temp. °C</b> 26		<b>Sample Condition</b>		<b>CHECKED BY:</b> (Initials)		<b>Turnaround Time:</b>		<b>Standard</b>		<b>Bacteria (only)</b>		<b>Sample Condition</b>											
<b>Sampler - UPS - Bus - Other:</b>		<b>Corrected Temp. °C</b>		<b>Cool Intact</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>Intact</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>Thermometer ID #140</b>		<b>Rush</b> <input checked="" type="checkbox"/> <b>Day</b> <input type="checkbox"/>		<b>Cool Intact</b> <input type="checkbox"/> Yes <input type="checkbox"/> No		<b>Observed Temp. °C</b>											
								<b>Correction Factor 0°C</b>				<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Corrected Temp. °C</b>											
<b>FOR CARDINAL USE ONLY</b>																									
t Cardinal cannot accept verbal changes. 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

<b>Company Name:</b> N-TAC <b>Project Manager:</b> Ethan Sossuns <b>Address:</b> 209 W. Melway <b>City:</b> Cicely, ND <b>Phone #:</b> 701-246-5556 <b>Project #:</b> <b>Project Name:</b> Longview 44 <b>Project Location:</b> Eddy <b>Sample Name:</b> Upper Longview				<b>State:</b> ND <b>Zip:</b> 58220 <b>Attn:</b> <b>Address:</b> <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>			
<b>FOR LAB USE ONLY</b>				<b>BILL TO</b>			
<b>Lab I.D.</b> Sample I.D.				<b>ANALYSIS REQUEST</b>			
H241630 11 SW-2 0-2' 12 SW-3 0-2' 13 SW-4 0-4' 14 SW-5 0-4' 15 SW-6 0-4' 16 SW-7 0-4'				(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:			
DATE TIME				DATE TIME			
3-28 9:30				TPH Chlorides BTEX			
Relinquished By: [Signature] Relinquished By: [Signature] Date: 3-28 Date: 3/28/15				Received By: [Signature] Received By: [Signature] Date: 3-28 Date: 3/28/15			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Observed Temp. °C Corrected Temp. °C			
Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				CHECKED BY: (Initials) Turnaround Time:			
Standard <input checked="" type="checkbox"/> Rush Bacteria (only) Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				Add'l Phone #: All Results are emailed. Please provide Email address:			
REMARKS:				REMARKS:			

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

---

April 30, 2024

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: LONGVIEW 1 - 44

Enclosed are the results of analyses for samples received by the laboratory on 04/08/24 11:58.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. 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](http://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



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

**Analytical Results For:**NTG ENVIRONMENTAL  
701 TRADEWINDS BLVD. SUITE C  
MIDLAND TX, 79706Project: LONGVIEW 1 - 44  
Project Number: 237886  
Project Manager: ETHAN SESSUMS  
Fax To:Reported:  
30-Apr-24 11:32

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SW - 6A 0-4'	H241802-01	Soil	08-Apr-24 10:00	08-Apr-24 11:58
SW - 7A 0-4'	H241802-02	Soil	08-Apr-24 10:05	08-Apr-24 11:58

04/30/24 - The sampling date was logged in wrong. This is the revised report with the corrected sampling date and will replace the report sent on 04/09/24.

Cardinal Laboratories

\*=Accredited Analyte

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A handwritten signature in cursive script, appearing to read "C. D. Keene".

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 1 - 44  
Project Number: 237886  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
30-Apr-24 11:32

**SW - 6A 0-4'**  
**H241802-01 (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	4040912	CT	09-Apr-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4040816	JH	08-Apr-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4040816	JH	08-Apr-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4040816	JH	08-Apr-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4040816	JH	08-Apr-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4040816	JH	08-Apr-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 71.5-134 4040816 JH 08-Apr-24 8021B

**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4040818	MS	08-Apr-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4040818	MS	08-Apr-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4040818	MS	08-Apr-24	8015B	

Surrogate: 1-Chlorooctane 71.6 % 48.2-134 4040818 MS 08-Apr-24 8015B

Surrogate: 1-Chlorooctadecane 71.9 % 49.1-148 4040818 MS 08-Apr-24 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 1 - 44  
Project Number: 237886  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
30-Apr-24 11:32

**SW - 7A 0-4'**  
**H241802-02 (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	4040912	CT	09-Apr-24	4500-Cl-B	
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**Volatile Organic Compounds by EPA Method 8021**

Benzene*	<0.050		0.050	mg/kg	50	4040816	JH	08-Apr-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4040816	JH	08-Apr-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4040816	JH	08-Apr-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4040816	JH	08-Apr-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4040816	JH	08-Apr-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			91.0 %	71.5-134		4040816	JH	08-Apr-24	8021B	
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**Petroleum Hydrocarbons by GC FID**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4040818	MS	09-Apr-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4040818	MS	09-Apr-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4040818	MS	09-Apr-24	8015B	

Surrogate: 1-Chlorooctane			55.9 %	48.2-134		4040818	MS	09-Apr-24	8015B	
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Surrogate: 1-Chlorooctadecane			64.0 %	49.1-148		4040818	MS	09-Apr-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager





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Analytical Results For:

NTG ENVIRONMENTAL	Project: LONGVIEW 1 - 44	Reported:
701 TRADEWINDS BLVD. SUITE C	Project Number: 237886	30-Apr-24 11:32
MIDLAND TX, 79706	Project Manager: ETHAN SESSUMS	
	Fax To:	

Inorganic Compounds - Quality Control  
Cardinal Laboratories

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 4040912 - 1:4 DI Water										
Blank (4040912-BLK1)				Prepared & Analyzed: 09-Apr-24						
Chloride	ND	16.0	mg/kg							
LCS (4040912-BS1)				Prepared & Analyzed: 09-Apr-24						
Chloride	416	16.0	mg/kg	400		104	80-120			
LCS Dup (4040912-BSD1)				Prepared & Analyzed: 09-Apr-24						
Chloride	416	16.0	mg/kg	400		104	80-120	0.00	20	

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Celestine D. Keene

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 1 - 44  
Project Number: 237886  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
30-Apr-24 11:32

**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 4040816 - Volatiles****Blank (4040816-BLK1)**

Prepared &amp; Analyzed: 08-Apr-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		89.9	71.5-134			

**LCS (4040816-BS1)**

Prepared &amp; Analyzed: 08-Apr-24

Benzene	2.10	0.050	mg/kg	2.00		105	82.8-130			
Toluene	2.04	0.050	mg/kg	2.00		102	86-128			
Ethylbenzene	2.00	0.050	mg/kg	2.00		100	85.9-128			
m,p-Xylene	3.90	0.100	mg/kg	4.00		97.5	89-129			
o-Xylene	1.94	0.050	mg/kg	2.00		97.2	86.1-125			
Total Xylenes	5.84	0.150	mg/kg	6.00		97.4	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0453		mg/kg	0.0500		90.6	71.5-134			

**LCS Dup (4040816-BSD1)**

Prepared &amp; Analyzed: 08-Apr-24

Benzene	2.06	0.050	mg/kg	2.00		103	82.8-130	2.24	15.8	
Toluene	2.00	0.050	mg/kg	2.00		100	86-128	1.67	15.9	
Ethylbenzene	1.97	0.050	mg/kg	2.00		98.3	85.9-128	1.71	16	
m,p-Xylene	3.82	0.100	mg/kg	4.00		95.5	89-129	1.99	16.2	
o-Xylene	1.91	0.050	mg/kg	2.00		95.7	86.1-125	1.60	16.7	
Total Xylenes	5.74	0.150	mg/kg	6.00		95.6	88.2-128	1.86	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0457		mg/kg	0.0500		91.5	71.5-134			

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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 1 - 44  
Project Number: 237886  
Project Manager: ETHAN SESSUMS  
Fax To:

Reported:  
30-Apr-24 11:32

**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 4040818 - General Prep - Organics****Blank (4040818-BLK1)**

Prepared &amp; Analyzed: 08-Apr-24

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	44.6		mg/kg	50.0		89.2	48.2-134			
Surrogate: 1-Chlorooctadecane	46.1		mg/kg	50.0		92.3	49.1-148			

**LCS (4040818-BS1)**

Prepared &amp; Analyzed: 08-Apr-24

GRO C6-C10	237	10.0	mg/kg	200		118	66.4-123			
DRO >C10-C28	247	10.0	mg/kg	200		124	66.5-118			BS-3
Total TPH C6-C28	484	10.0	mg/kg	400		121	77.6-123			
Surrogate: 1-Chlorooctane	44.5		mg/kg	50.0		89.0	48.2-134			
Surrogate: 1-Chlorooctadecane	47.0		mg/kg	50.0		94.0	49.1-148			

**LCS Dup (4040818-BSD1)**

Prepared &amp; Analyzed: 08-Apr-24

GRO C6-C10	234	10.0	mg/kg	200		117	66.4-123	0.929	17.7	
DRO >C10-C28	247	10.0	mg/kg	200		124	66.5-118	0.0413	21	BS-3
Total TPH C6-C28	482	10.0	mg/kg	400		120	77.6-123	0.432	18.5	
Surrogate: 1-Chlorooctane	46.0		mg/kg	50.0		92.0	48.2-134			
Surrogate: 1-Chlorooctadecane	47.8		mg/kg	50.0		95.7	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

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---

Celey D. Keene, Lab Director/Quality Manager



**BILL TO**

Lab I.D. H241802

Sample I.D.

OR (C)OMF

STAINERS

NDWATER

EWATER

GE

R :

BASE:

COOL

R :

37E x

pH

hlonj

**Reinquished By:** \_\_\_\_\_ **Date:** 6/6/20  
**Received By:** \_\_\_\_\_ **Verbal Result:** ☐ Yes ☐ No **Add'l Phone #:** \_\_\_\_\_  
**All Results are emailed. Please provide Email address:** \_\_\_\_\_

† Cardinal cannot accept verbal changes. Please email changes to [celey.keene@cardinallabsnm.com](mailto:celey.keene@cardinallabsnm.com)



**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
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QUESTIONS  
  
Action 355268

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 355268
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2324024755
Incident Name	NAPP2324024755 200 FEET NORTHWEST OF THE LONGVIEW FEDERAL 1 #44H @ 30-015-38070
Incident Type	Release Other
Incident Status	Remediation Closure Report Received
Incident Well	[30-015-38070] LONGVIEW FEDERAL 1 #044

Location of Release Source	
Please answer all the questions in this group.	
Site Name	200 FEET NORTHWEST OF THE LONGVIEW FEDERAL 1 #44H
Date Release Discovered	08/26/2023
Surface Owner	Federal

Incident Details	
Please answer all the questions in this group.	
Incident Type	Release Other
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Condensate   Released: 9 BBL   Recovered: 1 BBL   Lost: 8 BBL.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	LO found gas and liquid leaking from beneath the surface at a gas line for the Longview Compressor Station. The operator immediately shut in all the wells associated with the gas line. Shutdown all compressors at the Longview Compressor Station. Leak was discovered on the lease road approximately 200 feet northwest of the Longview Federal 1 #44H.

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QUESTIONS, Page 2

Action 355268

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	355268
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**QUESTIONS**

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	Unavailable.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

**Initial Response**

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	n/a

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 06/17/2024
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QUESTIONS, Page 3

Action 355268

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 355268
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
<b>What is the minimum distance, between the closest lateral extents of the release and the following surface areas:</b>	
A continuously flowing watercourse or any other significant watercourse	Between 500 and 1000 (ft.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 500 and 1000 (ft.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

**Remediation Plan**

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

**Soil Contamination Sampling:** (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride	(EPA 300.0 or SM4500 Cl B)	5600
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	470
GRO+DRO	(EPA SW-846 Method 8015M)	309
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	03/25/2024
On what date will (or did) the final sampling or liner inspection occur	04/08/2024
On what date will (or was) the remediation complete(d)	04/08/2024
What is the estimated surface area (in square feet) that will be reclaimed	1832
What is the estimated volume (in cubic yards) that will be reclaimed	221
What is the estimated surface area (in square feet) that will be remediated	1832
What is the estimated volume (in cubic yards) that will be remediated	221

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 355268

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 355268
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Remediation Plan (continued)</b>	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
<b>This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:</b>	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	LEA LAND LANDFILL [fEEM0112342028]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 06/17/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5  
  
Action 355268

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 355268
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

<b>Deferral Requests Only</b>	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No



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QUESTIONS, Page 6

Action 355268

**QUESTIONS (continued)**

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	Action Number:	355268
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	329456
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	04/08/2024
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	1500

**Remediation Closure Request**

*Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.*

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	1832
What was the total volume (cubic yards) remediated	221
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	1832
What was the total volume (in cubic yards) reclaimed	221
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 06/17/2024
--	--

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QUESTIONS, Page 7  
  
Action 355268

QUESTIONS (continued)

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	6137
	Action Number:
	355268
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 355268

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 355268
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your Remediation Closure Report for Incident #NAPP2324024755 200 FEET NORTHWEST OF THE LONGVIEW FEDERAL 1 #44H, thank you. This Remediation Closure Report is approved.	6/26/2024