9/7/2023

Mesquite Booster Line

nAPP2325073485

Spill Volume(Bbls) Calculator		
Inputs in blue, Outputs in red		
Contaminated Soil measurement		
Length(Ft)	Width(Ft)	Depth (in)
30	31.000	0.100
Cubic Feet of Soil Impacted		7.750
Barrels of Soil Impacted		1.38
Soil Type		Clay/Sand
Barrels of Oil Assuming 100% Saturation		0.21
Saturation	Damp no fluid when squeezed	
Estimated Barrels of Oil Released		0.02
Free Standing Fluid Only		
Length(Ft)	Width(Ft)	Depth (inches))
25	10.000	0.330
Standing fluid		1.223
Total fluids spilled		**1.243**

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

January 4, 2024

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

Re: Closure Report
Mesquite Booster Line
Devon Energy Production Company
Site Location: Unit N, S33, T23S, R33E
Lat 32.255789º, Long -103.578829º
Lea County, New Mexico
Incident ID: nAPP2325073485

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 Mesquite Booster Line (Site) for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico. The Site is located in Unit Letter N, Section 33, of Township 23 South and Range 33 East in Lea County, New Mexico. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

Background

Based on the initial C-141 obtained from the NMOCD, the release was discovered on September 7th, 2023. The release was a result of a ball valve failure on the pipeline which resulted in the release of approximately 1.24 barrels (bbls) of produced water of which zero (0) bbls was recovered for a net loss of 1.24 bbls of produced water. Upon discovery, the well was shut-in, and the area was secured. The release is shown on Figure 3.

Site Characterization

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there is one known water source within a ½-mile radius of the Site. The nearest identified well is located approximately 0.3 miles west of the Site in Sec 33 T23S R33E. The well was drilled in 2023 to the reported depth of 101 feet below ground surface (ft bgs) with no groundwater encountered. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. A copy of the site characterization information and the associated NMOSE summary report is attached.

Regulatory Criteria

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

19.15.29.12).

General Site Characterization and Groundwater:

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

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

Regulatory Standard	Chloride	TPH (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)	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

Site Assessment

On October 18th, 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site. A total of one (1) vertical sample point (V-1) and four (4) horizontal sample points (H-1 through H-4) were installed within the release area to characterize the impacts. Soil samples were collected in one half (0.5) to one (1) ft intervals from depths ranging from zero (0) to five and a half (5.5) feet below ground surface (ft bgs) with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination.

The samples were analyzed for BTEX by EPA method 8260B, TPH by method 8015B Modified, and chloride by EPA 4500 Cl-B. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of V-1 at depths ranging from 0 ft bgs to 4 ft bgs. Analytical results are included in Table 1 and sampling locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

Remedial Action Activities and Confirmation Sampling

Based on the analytical results, Devon proceeded with remediation activities at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release areas of V-1 were excavated to four (4) ft bgs based on the delineation samples results shown in Table I. A final excavation map with confirmation sample locations is shown in Figure 4.

On December 4th, 2023, NTGE was onsite to collect two (2) confirmation samples (CS-1 and CS-2) from the base of the excavation as well as three (3) confirmation side wall samples (SW-1 through SW-3). The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Analysis indicated that confirmation sidewall samples SW-1 and SW-3 exceeded the NMOCD Table 3.1 standards for chlorides. Laboratory reports containing analytical methods and chain-of-custody

documents are attached. Devon continued expanding the excavation horizontally based on the laboratory results of confirmation samples to ensure all impacted soils were removed.

On December 22nd, 2023, NTGE was onsite to collect two (2) confirmation side wall samples SW-1A and SW-3A. The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Laboratory analytical results indicate that all confirmation samples were below NMOCD regulatory criterion from NMOCD Table 3.1. Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Complete analytical results for all confirmation samples are presented in Table 2 and the final excavation map with confirmation sample locations is shown in Figure 4.

Closure Request

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

Dmitry Nikanorov
Project Scientist

Attachments:

Initial And Final C-141
Site Characterization Information
Tables
Figures
Photographic Log
Laboratory Reports and Chain-of-Custody Documents

SAMPLING NOTIFICATIONS

From: Ethan Sessums
To: Enviro, OCD, EMNRD
Cc: NTG Env Carlsbad
Subject: Sampling Notification
Date: Tuesday, November 28, 2023 9:44:11 AM
Attachments: image001.png

nAPP2325073485	MESQUITE BOOSTER STATION	9/7/2023
nAPP2301125598	Mesquite Booster Line	1/10/2023

NTG on behalf of DEVON will be conducting confirmation sampling at the above-mentioned site starting Thursday the 30th around 11 a.m. MDT persisting until Tuesday the 5th of December close of business.

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

From: Ethan Sessums
To: Dmitry Nikanorov
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 296035
Date: Monday, January 8, 2024 12:20:30 PM
Attachments: image001.png

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

From: Woodall, Dale <Dale.Woodall@dvn.com>
Sent: Tuesday, December 19, 2023 8:30 AM
To: Ethan Sessums <ESessums@ntglobal.com>
Subject: FW: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 296035

Here you go

Dale Woodall
Environmental Professional
Hobbs, NM
Office: 575-748-1838
Mobile: 405-318-4697
Dale.Woodall@dvn.com

From: OCDOnline@state.nm.us <OCDOnline@state.nm.us>
Sent: Tuesday, December 19, 2023 8:29 AM
To: Woodall, Dale <Dale.Woodall@dvn.com>
Subject: [EXTERNAL] The Oil Conservation Division (OCD) has accepted the application, Application ID: 296035

To whom it may concern (c/o Dale Woodall for DEVON ENERGY PRODUCTION COMPANY, LP),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2325073485.

The sampling event is expected to take place:

When: 12/22/2023 @ 10:00
Where: N-33-23S-33E 720 FSL 2120 FWL (32.255789,-103.578829)

Additional Information: NTG - 254-266-5456

Additional Instructions: Lat/Long: 32.255789,-103.578829 NAD83

Incident Location: N-33-23S-33E 720 FSL 2120 FWL

An OCD representative may be available onsite at the date and time reported. In the absence or presence of an OCD representative, sampling pursuant to 19.15.29.12.D NMAC is required. Sampling must be performed following an approved sampling plan or pursuant to 19.15.29.12.D.(1).(c) NMAC. Should there be a change in the scheduled date and time of the sampling event, then another notification should be resubmitted through OCD permitting as soon as possible.

- **Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.**

If you have any questions regarding this application, or don't know why you have received this email, please contact us.

New Mexico Energy, Minerals and Natural Resources Department
1220 South St. Francis Drive
Santa Fe, NM 87505

INITIAL AND FINAL C-141

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

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

Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☐ Private (*Name:* _____)

Nature and Volume of Release

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

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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Initial Response

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

- ☐ The source of the release has been stopped.
- ☐ The impacted area has been secured to protect human health and the environment.
- ☐ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
- ☐ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Dale Woodall Title: Env. Professional

Signature: Dale Woodall Date: _____

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

OCD Only

Received by: Shelly Wells Date: 9/11/2023

9/7/2023

Mesquite Booster Line

nAPP2325073485

Spill Volume(Bbls) Calculator		
Inputs in blue, Outputs in red		
Contaminated Soil measurement		
Length(Ft)	Width(Ft)	Depth (in)
30	31.000	0.100
Cubic Feet of Soil Impacted		7.750
Barrels of Soil Impacted		1.38
Soil Type		Clay/Sand
Barrels of Oil Assuming 100% Saturation		0.21
Saturation	Damp no fluid when squeezed	
Estimated Barrels of Oil Released		0.02
Free Standing Fluid Only		
Length(Ft)	Width(Ft)	Depth (inches))
25	10.000	0.330
Standing fluid		1.223
Total fluids spilled		**1.243**

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 263633
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	9/11/2023

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	_____ (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☐ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☐ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☐ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☐ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☐ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☐ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☐ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☐ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☐ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☐ No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

Characterization Report Checklist: ***Each of the following items must be included in the report.***

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

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

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: _____ Title: _____

Signature:_____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

Incident ID	
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

Deferral Requests Only: ***Each of the following items must be confirmed as part of any request for deferral of remediation.***

☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.

☐ Extents of contamination must be fully delineated.

☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Closure

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

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

☐ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☐ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

☐ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

☐ Description of remediation activities

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

Printed Name: _____ Title: _____

Signature: _____ Date: _____

email: _____ Telephone: _____

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

SITE CHARACTERIZATION INFORMATION

NMOCD Closure Criteria

Mesquite Booster Line

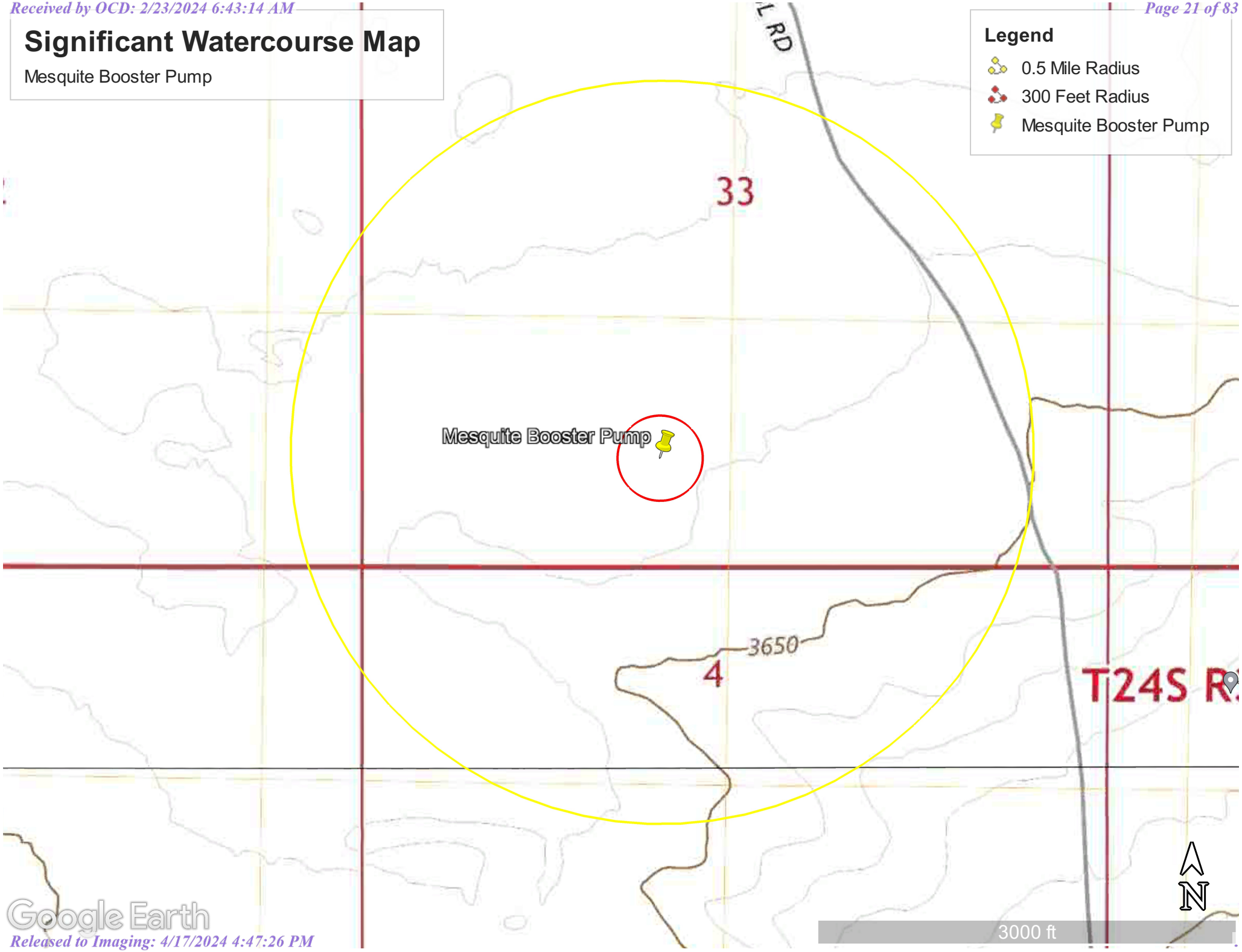
Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater (ft bgs)	>101	Office of the State Engineer (OSE)
Horizontal Distance from All Water Sources Within 0.5 mile (ft)	N/A	National Wetlands Inventory (NWS)
Horizontal Distance to Nearest Significant Watercourse (ft)	N/A	National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

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		10,000	2,500	1,000	50	10
>100	x	20,000	2,500	1,000	50	10
Surface Water	**Yes/No**	**in yes, then**				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No					
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area		600	100		50	10
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within and unstable area?	No					
Within a 100 yr floodplain?	No					

* - numerical limit or background, whichever is greater

Significant Watercourse Map

Mesquite Booster Pump



U.S. Fish and Wildlife Service
National Wetlands Inventory

Wetlands

October 9, 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.

National Flood Hazard Layer FIRMette

FEMA

103°35'3"W 32°15'37"N

103°34'26"W 32°15'6"N

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

1:6,000

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
- 17.5 Water Surface Elevation
- Coastal Transect
- 513 Base Flood Elevation Line (BFE)
- Limit of Study
- Jurisdiction Boundary
- Coastal Transect Baseline
- Profile Baseline
- Hydrographic Feature

MAP PANELS
- Digital Data Available
- No Digital Data Available
- Unmapped

N

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 10/9/2023 at 3:39 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.

OCD Well Locations

10/9/2023, 1:36:03 PM

Wells - Large Scale

- Gas, Cancelled
- Oil, Active
- Oil, Cancelled
- Oil, Plugged

Karst Occurrence Potential

- Low

PLSS First Division

PLSS Second Division

1:4,514

0 0.03 0.07 0.13 mi

0 0.05 0.1 0.2 km

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

New Mexico Oil Conservation Division

NM OCD Oil and Gas Map. http://nm-emnrd.maps.arcgis.com/apps/webappviewer/index.html?id=4d017f2306164de29fd2fb9f8f35ca75: New Mexico Oil Conservation Division

OSE POD Location Map

10/9/2023, 1:34:35 PM

Override 1

Plugged

GIS WATERS PODs

OSE District Boundary

Active

Water Right Regulations

Closure Area

New Mexico State Trust Lands

Both Estates

SiteBoundaries

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

Esri Community Maps Contributors, New Mexico State University, Texas Parks & Wildlife, CONANP, Esri, HERE, Garmin, SafeGraph,

Online web user

This is an unofficial map from the OSE's online application.

WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

1. GENERAL AND WELL LOCATION

OSE POD NO. (WELL NO.)	WELL TAG ID NO.	OSE FILE NO(S).
POD 1 (TW-1)	N/A	C-4707

WELL OWNER NAME(S)	PHONE (OPTIONAL)
Devon Energy	575-748-1838

WELL OWNER MAILING ADDRESS	CITY	STATE	ZIP
6488 7 Rivers Hwy	Artesia	NM	88210

WELL LOCATION (FROM GPS)		DEGREES	MINUTES	SECONDS	
	LATITUDE	32	15	14.18	N
	LONGITUDE	103	35	1.32	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

SW SW SW Sec.33 T23S R33E NMPM

2. DRILLING & CASING INFORMATION

LICENSE NO.	NAME OF LICENSED DRILLER	NAME OF WELL DRILLING COMPANY
1249	Jackie D. Atkins	Atkins Engineering Associates, Inc.

DRILLING STARTED	DRILLING ENDED	DEPTH OF COMPLETED WELL (FT)	BORE HOLE DEPTH (FT)	DEPTH WATER FIRST ENCOUNTERED (FT)
4/11/23	4/12/23	Temporary Well Material	±101	N/A

COMPLETED WELL IS: ☐ ARTESIAN ☑ DRY HOLE ☐ SHALLOW (UNCONFINED)

STATIC WATER LEVEL IN COMPLETED WELL (FT): N/A

DATE STATIC MEASURED: 4/18/2023

DRILLING FLUID: ☐ AIR ☐ MUD ADDITIVES – SPECIFY:

DRILLING METHOD: ☐ ROTARY ☐ HAMMER ☐ CABLE TOOL ☑ OTHER – SPECIFY: Hollow Stem Auger

CHECK HERE IF PITLESS ADAPTER IS INSTALLED ☐

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
0	101	±6.25	Soil Boring	--	--	--	--

3. ANNULAR MATERIAL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT
			N/A		

OSE DII APR 27 2023 PM 1:30

FOR OSE INTERNAL USE

WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-4707	POD NO. 1	TRN NO. 742696	
LOCATION 23S.33E.33.4.3.3		WELL TAG ID NO. NA	PAGE 1 OF 2

4. HYDROGEOLOGIC LOG OF WELL

DEPTH (feet bgl) FROM	DEPTH (feet bgl) TO	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)
0	9	9	Sand, fine-grained, poorly graded with caliche, Tan	Y ✓ N	
9	50	41	Sand, fine-grained, poorly graded, cemented layers , Tan	Y ✓ N	
50	65	15	Sand, very fine-grained, poorly graded , Tan / Brown	Y ✓ N	
65	101	36	Clay, Stiff, consolidated, with fine silt, Reddish Brown	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	

METHOD USED TO ESTIMATE YIELD OF WATER-BEARING STRATA:

☐ PUMP ☐ AIR LIFT ☐ BAILER ☐ OTHER – SPECIFY:

TOTAL ESTIMATED WELL YIELD (gpm): 0.00

5. TEST; RIG SUPERVISION

WELL TEST — TEST RESULTS - ATTACH A COPY OF DATA COLLECTED DURING WELL TESTING, INCLUDING DISCHARGE METHOD, START TIME, END TIME, AND A TABLE SHOWING DISCHARGE AND DRAWDOWN OVER THE TESTING PERIOD.

MISCELLANEOUS INFORMATION: Temporary well material removed and soil boring backfilled using drill cuttings from total depth to ten feet below ground surface(bgs), then hydrated bentonite chips ten feet bgs to surface.
41
Thistle Unit #043

OSE DIT APR 27 2023 PM 3:30

PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE:

Shane Eldridge, Cameron Pruitt

6. SIGNATURE

THE UNDERSIGNED HEREBY CERTIFIES THAT, TO THE BEST OF HIS OR HER KNOWLEDGE AND BELIEF, THE FOREGOING IS A TRUE AND CORRECT RECORD OF THE ABOVE DESCRIBED HOLE AND THAT HE OR SHE WILL FILE THIS WELL RECORD WITH THE STATE ENGINEER AND THE PERMIT HOLDER WITHIN 30 DAYS AFTER COMPLETION OF WELL DRILLING:

Jack Atkins — Jackie D. Atkins — 4/26/23

SIGNATURE OF DRILLER / PRINT SIGNEE NAME — DATE

FOR OSE INTERNAL USE — WR-20 WELL RECORD & LOG (Version 01/28/2022)

FILE NO. C-4707	POD NO. 1	TRN NO. 742696	
LOCATION 23S.33E.33.4.33		WELL TAG ID NO. NA	PAGE 2 OF 2

TABLES

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
Vertical Delineation Samples													
V-1	10/18/23	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**6640**
	10/18/23	(1-1.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**8000**
	10/18/23	(2-2.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**8260**
	10/18/23	(3-3.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**8660**
	10/18/23	(4-4.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**7330**
	10/18/23	(5-5.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**6800**
Horizontal Delineation Samples													
H-1	10/18/23	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
H-2	10/18/23	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**64**
H-3	10/18/23	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**
H-4	10/18/23	(0-0.5')	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	**32**

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

Table 2
Summary of Soil Analytical Data - Confirmation Samples
Mesquite Booster Line
Devon Energy Production Company
Lea County, New Mexico

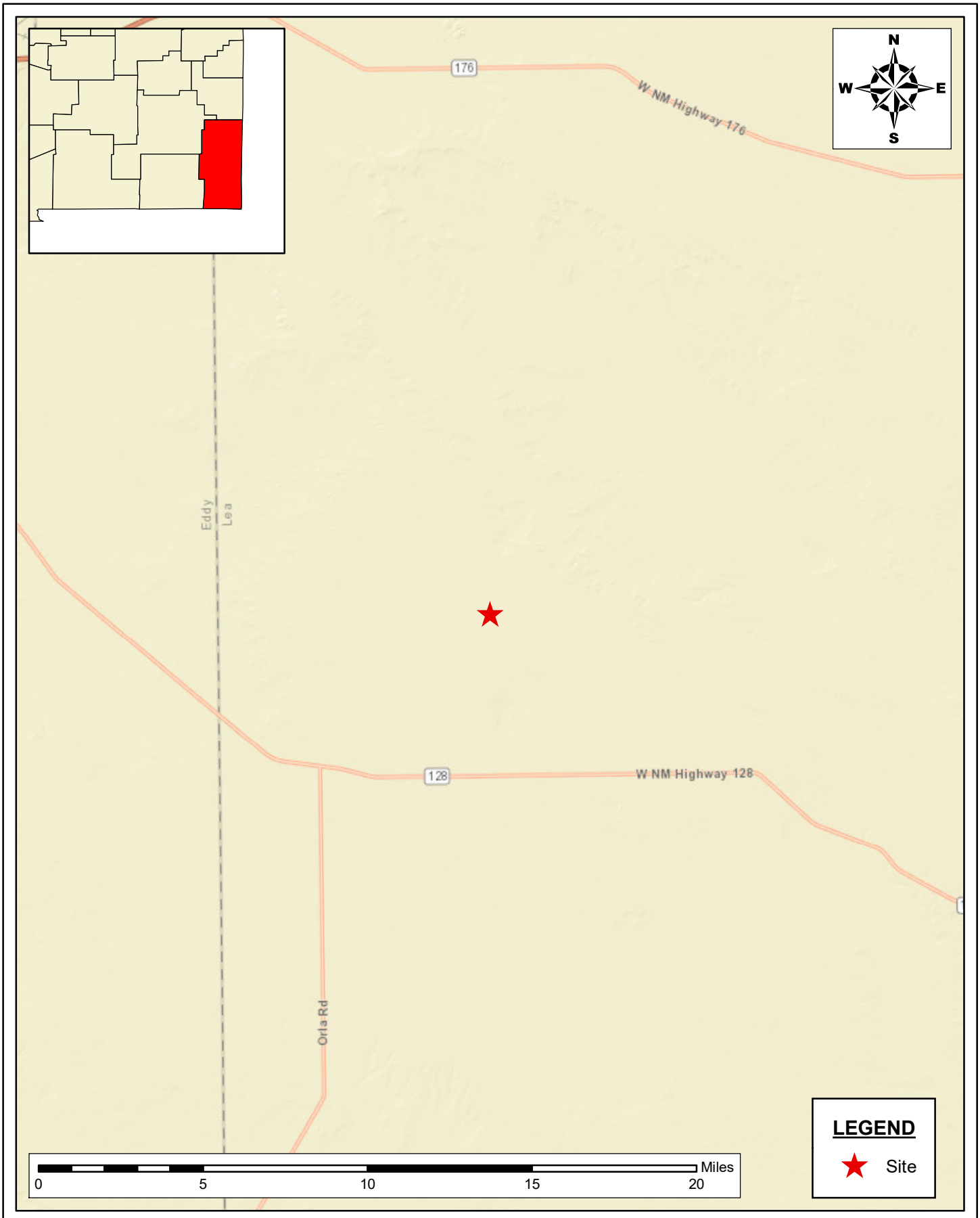
Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
Base Samples													
CS-1	12/04/23	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	**28.8**
CS-2	12/04/23	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	<20.0
Sidewall Samples													
~~SW-1~~	~~12/04/23~~	~~0-4'~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~<25.0~~	~~<20.0~~	~~<50.0~~	~~<20.0~~	~~**1680**~~
SW-1A	12/22/23	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	**304**
SW-2	12/04/23	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	**29.8**	**29.8**	<50.0	**29.8**	**23.5**
~~SW-3~~	~~12/04/23~~	~~0-4'~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<0.0250~~	~~<20.0~~	~~<25.0~~	~~<20.0~~	~~<50.0~~	~~<20.0~~	~~**1930**~~
SW-3A	12/22/23	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<20.0	<50.0	<20.0	**496**

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
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

~~SP-1~~ Sample Point Excavated

FIGURES



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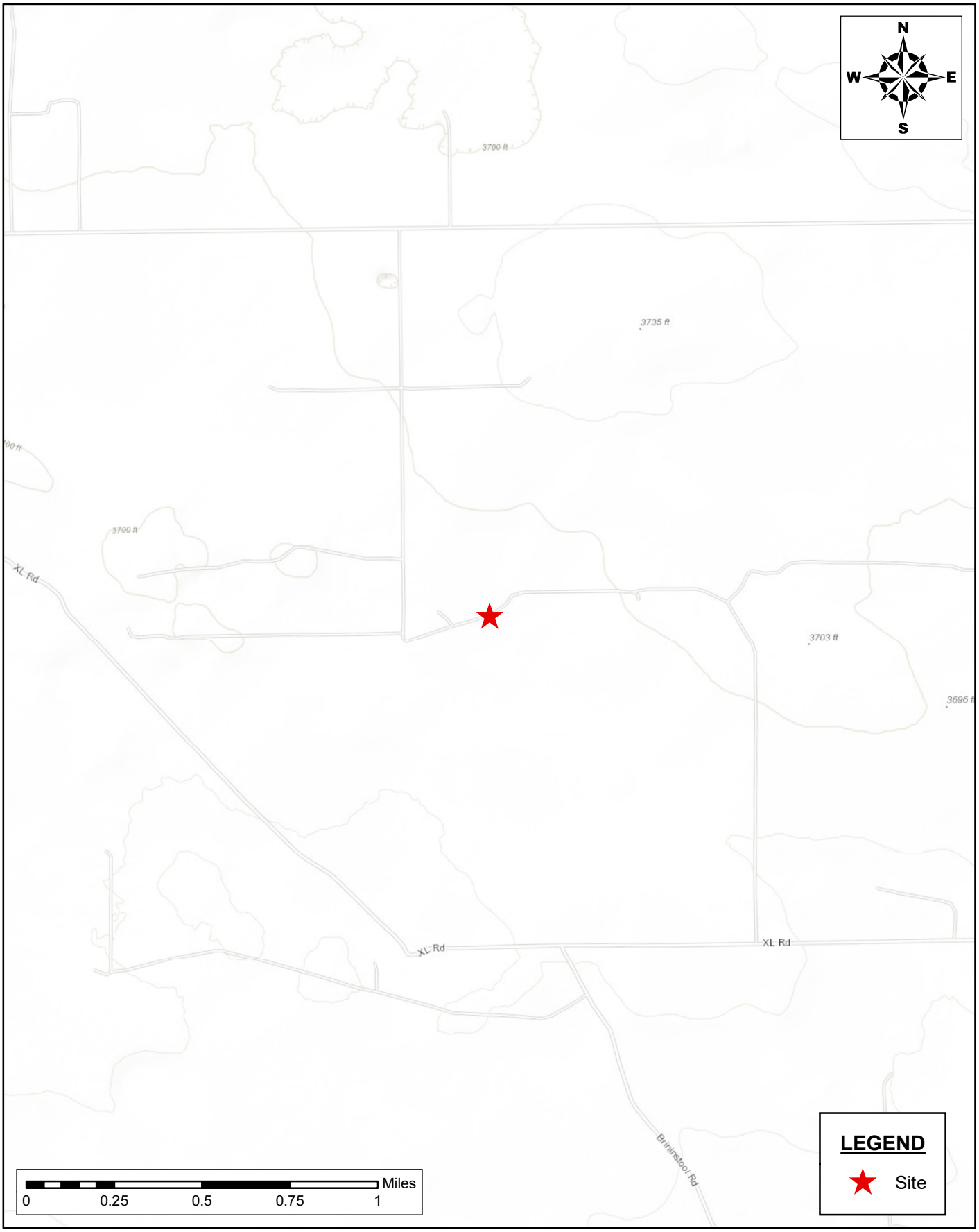
SITE LOCATION MAP
CLOSURE REPORT
DEVON ENERGY PRODUCTION COMPANY
MESQUITE BOOSTER LINE
LEA COUNTY, NEW MEXICO

SCALE: As Shown | Date: 1/3/2024 | PROJECT #:236829

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

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

DRAWING NUMBER:
FIGURE 1
SHEET NUMBER:
1 of 1



TOPOGRAPHIC MAP
CLOSURE REPORT
DEVON ENERGY PRODUCTION COMPANY
MESQUITE BOOSTER LINE
LEA COUNTY, NEW MEXICO

SCALE: As Shown | Date: 1/3/2024 | PROJECT #:236829

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

NOTES:

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

DRAWING NUMBER:
FIGURE 2
SHEET NUMBER:
1 of 1

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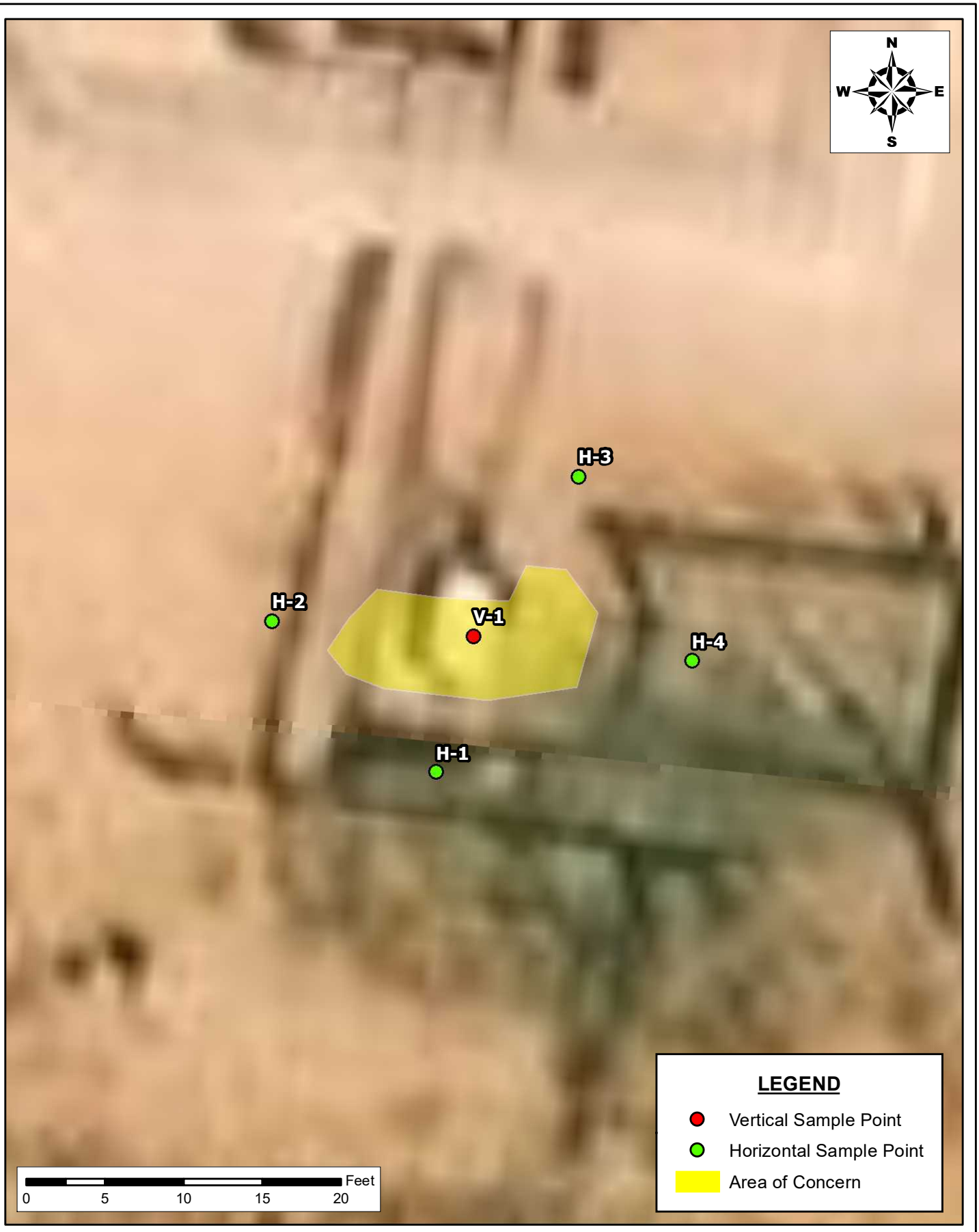


INITIAL ASSESSMENT MAP
CLOSURE REPORT
DEVON ENERGY PRODUCTION COMPANY
MESQUITE BOOSTER LINE
LEA COUNTY, NEW MEXICO

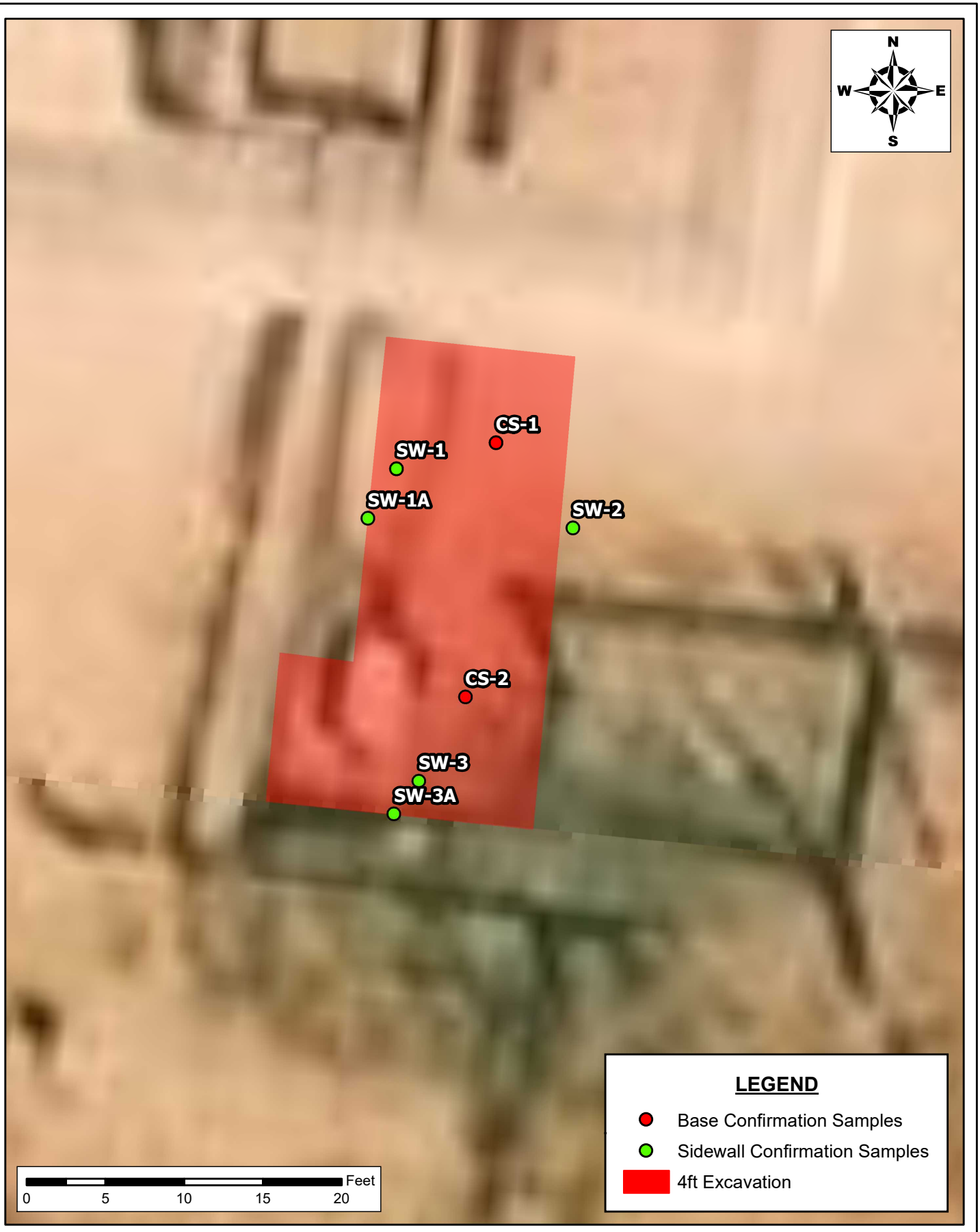
SCALE: AS SHOWN | DATE: 01/03/2024 | PROJECT #: 236829

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

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

DRAWING NUMBER:
FIGURE 3
SHEET NUMBER:
1 of 1

Document Path: C:\Users\ntgegis\New Tech Global\NTGE - Documents\2023 PROJECTS\DEVON\RSC\Mesquite Booster Line (9.7.23)\7- Figures\Figure_3_IA.mxd



CONFIRMATION SAMPLING MAP
CLOSURE REPORT
DEVON ENERGY PRODUCTION COMPANY
MESQUITE BOOSTER LINE
LEA COUNTY, NEW MEXICO

SCALE: AS SHOWN | DATE: 01/03/2024 | PROJECT #: 236829

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

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

DRAWING NUMBER:
FIGURE 4
SHEET NUMBER:
1 of 1

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PHOTOGRAPHIC LOG

PHOTOGRAPHIC LOG

Devon Energy Production Company
Mesquite Booster Line (9.7.23)

Photograph No. 1

Facility: Mesquite Booster Line (9.7.23)

County: Lea County, New Mexico

Description:
Area of Concern.

Photograph No. 2

Facility: Mesquite Booster Line (9.7.23)

County: Lea County, New Mexico

Description:
Area of Concern.

Photograph No. 3

Facility: Mesquite Booster Line (9.7.23)

County: Lea County, New Mexico

Description:
Area of Concern.

PHOTOGRAPHIC LOG

Devon Energy Production Company
Mesquite Booster Line (9.7.23)

Photograph No. 4

Facility: Mesquite Booster Line (9.7.23)

County: Lea County, New Mexico

Description:
Area of Excavation.

Photograph No. 5

Facility: Mesquite Booster Line (9.7.23)

County: Lea County, New Mexico

Description:
Area of Excavation.

Photograph No. 6

Facility: Mesquite Booster Line (9.7.23)

County: Lea County, New Mexico

Description:
Area of Excavation.

PHOTOGRAPHIC LOG

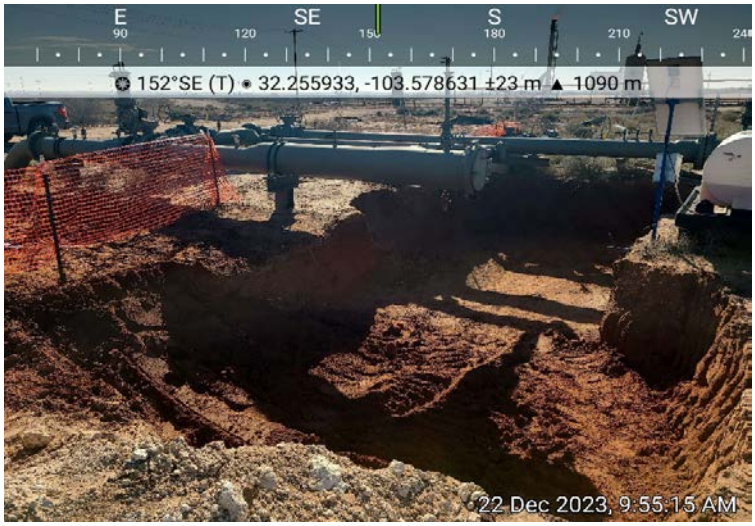
Devon Energy Production Company
Mesquite Booster Line (9.7.23)

Photograph No. 7

Facility: Mesquite Booster Line (9.7.23)

County: Lea County, New Mexico

Description:
Area of Excavation.



Photograph No. 8

Facility: Mesquite Booster Line (9.7.23)

County: Lea County, New Mexico

Description:
Area of Excavation.

Photograph No. 9

Facility: Mesquite Booster Line (9.7.23)

County: Lea County, New Mexico

Description:
Area of Excavation.

LABORATORY REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

CARDINAL Laboratories

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

October 24, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESQUITE BOOSTER LINE

Enclosed are the results of analyses for samples received by the laboratory on 10/18/23 13:25.

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

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

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

Accreditation applies to public drinking water matrices.

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

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/18/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V1 (0-6'') (H235701-01)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	2.16	108	2.00	1.97	
Toluene*	<0.050	0.050	10/19/2023	ND	2.21	111	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.25	112	2.00	0.227	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.41	107	6.00	1.30	
Total BTEX	<0.300	0.300	10/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *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	**6640**	16.0	10/19/2023	ND	400	100	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	10/19/2023	ND	170	85.1	200	3.69	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	167	83.4	200	9.09	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					

Surrogate: 1-Chlorooctane *69.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *67.0 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/18/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V1 (1-1.5') (H235701-02)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	2.16	108	2.00	1.97	
Toluene*	<0.050	0.050	10/19/2023	ND	2.21	111	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.25	112	2.00	0.227	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.41	107	6.00	1.30	
Total BTEX	<0.300	0.300	10/19/2023	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	**8000**	16.0	10/19/2023	ND	400	100	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	10/19/2023	ND	170	85.1	200	3.69	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	167	83.4	200	9.09	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					

Surrogate: 1-Chlorooctane *66.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *65.9 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/18/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V1 (2-2.5') (H235701-03)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	2.16	108	2.00	1.97	
Toluene*	<0.050	0.050	10/19/2023	ND	2.21	111	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.25	112	2.00	0.227	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.41	107	6.00	1.30	
Total BTEX	<0.300	0.300	10/19/2023	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	**8260**	16.0	10/19/2023	ND	400	100	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	10/19/2023	ND	170	85.1	200	3.69	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	167	83.4	200	9.09	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					

Surrogate: 1-Chlorooctane *67.8 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *63.2 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/18/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V1 (3-3.5') (H235701-04)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	2.16	108	2.00	1.97	
Toluene*	<0.050	0.050	10/19/2023	ND	2.21	111	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.25	112	2.00	0.227	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.41	107	6.00	1.30	
Total BTEX	<0.300	0.300	10/19/2023	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	**8660**	16.0	10/19/2023	ND	400	100	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	10/19/2023	ND	170	85.1	200	3.69	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	167	83.4	200	9.09	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					

Surrogate: 1-Chlorooctane *65.1 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *61.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/18/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V1 (4-4.5') (H235701-05)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	2.16	108	2.00	1.97	
Toluene*	<0.050	0.050	10/19/2023	ND	2.21	111	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.25	112	2.00	0.227	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.41	107	6.00	1.30	
Total BTEX	<0.300	0.300	10/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *119 %* *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	**7330**	16.0	10/19/2023	ND	400	100	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	10/19/2023	ND	170	85.1	200	3.69	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	167	83.4	200	9.09	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					

Surrogate: 1-Chlorooctane *62.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *59.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/18/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: V1 (5-5.5') (H235701-06)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	2.16	108	2.00	1.97	
Toluene*	<0.050	0.050	10/19/2023	ND	2.21	111	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.25	112	2.00	0.227	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.41	107	6.00	1.30	
Total BTEX	<0.300	0.300	10/19/2023	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	**6800**	16.0	10/19/2023	ND	400	100	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	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					

Surrogate: 1-Chlorooctane *75.7 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *73.2 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/18/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H1 (0-6'') (H235701-07)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	2.16	108	2.00	1.97	
Toluene*	<0.050	0.050	10/19/2023	ND	2.21	111	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.25	112	2.00	0.227	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.41	107	6.00	1.30	
Total BTEX	<0.300	0.300	10/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *124 %* *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	**32.0**	16.0	10/19/2023	ND	400	100	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	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					

Surrogate: 1-Chlorooctane *84.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *80.7 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/18/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H2 (0-6'') (H235701-08)

BTEX 8021B mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2023	ND	2.16	108	2.00	1.97	
Toluene*	<0.050	0.050	10/19/2023	ND	2.21	111	2.00	3.10	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.25	112	2.00	0.227	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.41	107	6.00	1.30	
Total BTEX	<0.300	0.300	10/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *120 %* *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	**64.0**	16.0	10/19/2023	ND	400	100	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	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					

Surrogate: 1-Chlorooctane *87.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *84.6 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/18/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H3 (0-6'') (H235701-09)

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	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *100 %* *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	**32.0**	16.0	10/19/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					

Surrogate: 1-Chlorooctane *89.3 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *85.0 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	10/18/2023	Sampling Date:	10/18/2023
Reported:	10/24/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Tamara Oldaker
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: H4 (0-6'') (H235701-10)

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	10/19/2023	ND	1.99	99.6	2.00	3.39	
Toluene*	<0.050	0.050	10/19/2023	ND	1.98	99.0	2.00	1.90	
Ethylbenzene*	<0.050	0.050	10/19/2023	ND	2.10	105	2.00	3.85	
Total Xylenes*	<0.150	0.150	10/19/2023	ND	6.30	105	6.00	3.54	
Total BTEX	<0.300	0.300	10/19/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *107 %* *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	**32.0**	16.0	10/19/2023	ND	416	104	400	3.77	

TPH 8015M mg/kg Analyzed By: MS

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/19/2023	ND	175	87.5	200	1.76	
DRO >C10-C28*	<10.0	10.0	10/19/2023	ND	171	85.3	200	2.50	
EXT DRO >C28-C36	<10.0	10.0	10/19/2023	ND					

Surrogate: 1-Chlorooctane *87.6 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *82.9 %* *49.1-148*

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: NTGE	**BILL TO**
Project Manager: Ethan Sessums	P.O. #:
Address: 209 W Mckay St	Company: NTGE
City: Carlsbad State: NM Zip: 88220	Attn: Ethan Sessums
Phone #: Fax #:	Address:
Project #: Project Owner:	City:
Project Name: Mesquite Booster Line	State: Zip:
Project Location: Lea County NM	Phone #:
Sampler Name: Dmitry Nikamorov	Fax #:

FOR LAB USE ONLY					MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.		(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	BTEX	TPH	CHLORIDE
H235701																		
1	V1	(0-6")	G	1			X					X		10/18		X	X	X
2	V1	(1-1.5')																
3	V1	(2-2.5')																
4	V1	(3-3.5')																
5	V1	(4-4.5'																
6	V1	(5-5.5')																
7	H1	(0-6")																
8	H2	(0-6")																
9	H3	(0-6")																
10	H4	(0-6")																

Relinquished By:	Date: 10-18-23	Received By:	Verbal Result: ☐ Yes ☐ No Add'l Phone #:
	Time: 1325		All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
	Time:		

Delivered By: (Circle One)	Observed Temp. °C 3.3	Sample Condition Cool Intact	CHECKED BY: (Initials)	Turnaround Time: Standard ☑ Rush ☐
Sampler - UPS - Bus - Other:	Corrected Temp. °C	☑ Yes ☑ Yes ☐ No ☐ No		Thermometer ID #140 Correction Factor 0°C

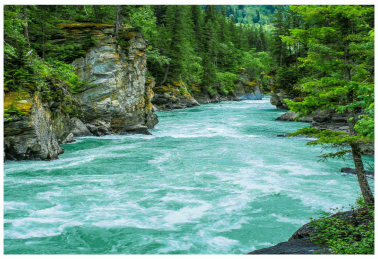
Bacteria (only) Sample Condition: Cool ☐ Yes ☐ No Intact ☐ Yes ☐ No Observed Temp. °C Corrected Temp. °C

FORM-006 R 3.4 07/11/23

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

Report to:

Ethan Sessums



5796 U.S. Hwy 64
Farmington, NM 87401

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

envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

NTG-New Tech Global Environmental

Project Name:	Mesquite Booster Line
Work Order:	E312028
Job Number:	01058-0007
Received:	12/6/2023

Revision: 2

Report Reviewed By:

Walter Hinchman
Laboratory Director
12/11/23

Date Reported: 12/11/23

Ethan Sessums
911 Regional Park Dr.
Houston, TX 77060

Project Name: Mesquite Booster Line
Workorder: E312028
Date Received: 12/6/2023 7:30:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 12/6/2023 7:30:00AM, under the Project Name: Mesquite Booster Line.

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

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

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

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

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
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Table of Contents

Sample Summary

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	**Reported:**
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/11/23 15:23

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 4'	E312028-01A	Soil	12/04/23	12/06/23	Glass Jar, 4 oz.
CS-2 4'	E312028-02A	Soil	12/04/23	12/06/23	Glass Jar, 4 oz.
SW-1	E312028-03A	Soil	12/04/23	12/06/23	Glass Jar, 4 oz.
SW-2	E312028-04A	Soil	12/04/23	12/06/23	Glass Jar, 4 oz.
SW-3	E312028-05A	Soil	12/04/23	12/06/23	Glass Jar, 4 oz.

Sample Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	
911 Regional Park Dr.	Project Number:	01058-0007	**Reported:**
Houston TX, 77060	Project Manager:	Ethan Sessums	12/11/2023 3:23:51PM

CS-1 4'

E312028-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349056
Benzene	ND	0.0250	1	12/06/23	12/06/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/06/23	
Toluene	ND	0.0250	1	12/06/23	12/06/23	
o-Xylene	ND	0.0250	1	12/06/23	12/06/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/06/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/06/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*12/06/23*	*12/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*92.4 %*	*70-130*	*12/06/23*	*12/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2349062
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/23	12/07/23	
Surrogate: n-Nonane		*77.7 %*	*50-200*	*12/06/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2349066
Chloride	**28.8**	20.0	1	12/06/23	12/06/23	

Sample Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	
911 Regional Park Dr.	Project Number:	01058-0007	**Reported:**
Houston TX, 77060	Project Manager:	Ethan Sessums	12/11/2023 3:23:51PM

CS-2 4'

E312028-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349056
Benzene	ND	0.0250	1	12/06/23	12/06/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/06/23	
Toluene	ND	0.0250	1	12/06/23	12/06/23	
o-Xylene	ND	0.0250	1	12/06/23	12/06/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/06/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/06/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.3 %*	*70-130*	*12/06/23*	*12/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.1 %*	*70-130*	*12/06/23*	*12/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2349062
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/23	12/07/23	
Surrogate: n-Nonane		*74.4 %*	*50-200*	*12/06/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2349066
Chloride	ND	20.0	1	12/06/23	12/06/23	

Sample Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	
911 Regional Park Dr.	Project Number:	01058-0007	**Reported:**
Houston TX, 77060	Project Manager:	Ethan Sessums	12/11/2023 3:23:51PM

SW-1

E312028-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349056
Benzene	ND	0.0250	1	12/06/23	12/06/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/06/23	
Toluene	ND	0.0250	1	12/06/23	12/06/23	
o-Xylene	ND	0.0250	1	12/06/23	12/06/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/06/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/06/23	
Surrogate: 4-Bromochlorobenzene-PID		*95.6 %*	*70-130*	*12/06/23*	*12/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*93.4 %*	*70-130*	*12/06/23*	*12/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2349062
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/23	12/07/23	
Surrogate: n-Nonane		*75.8 %*	*50-200*	*12/06/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2349066
Chloride	**1680**	20.0	1	12/06/23	12/06/23	

Sample Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	
911 Regional Park Dr.	Project Number:	01058-0007	**Reported:**
Houston TX, 77060	Project Manager:	Ethan Sessums	12/11/2023 3:23:51PM

SW-2

E312028-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349056
Benzene	ND	0.0250	1	12/06/23	12/06/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/06/23	
Toluene	ND	0.0250	1	12/06/23	12/06/23	
o-Xylene	ND	0.0250	1	12/06/23	12/06/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/06/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/06/23	
Surrogate: 4-Bromochlorobenzene-PID		*92.8 %*	*70-130*	*12/06/23*	*12/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.5 %*	*70-130*	*12/06/23*	*12/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2349062
Diesel Range Organics (C10-C28)	**29.8**	25.0	1	12/06/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/23	12/07/23	
Surrogate: n-Nonane		*68.2 %*	*50-200*	*12/06/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2349066
Chloride	**23.5**	20.0	1	12/06/23	12/06/23	

Sample Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	
911 Regional Park Dr.	Project Number:	01058-0007	**Reported:**
Houston TX, 77060	Project Manager:	Ethan Sessums	12/11/2023 3:23:51PM

SW-3

E312028-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst: RKS			Batch: 2349056
Benzene	ND	0.0250	1	12/06/23	12/06/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/06/23	
Toluene	ND	0.0250	1	12/06/23	12/06/23	
o-Xylene	ND	0.0250	1	12/06/23	12/06/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/06/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/06/23	
Surrogate: 4-Bromochlorobenzene-PID		*93.5 %*	*70-130*	*12/06/23*	*12/06/23*	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RKS			Batch: 2349056
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/06/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID		*94.1 %*	*70-130*	*12/06/23*	*12/06/23*	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2349062
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/23	12/07/23	
Surrogate: n-Nonane		*77.1 %*	*50-200*	*12/06/23*	*12/07/23*	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: BA			Batch: 2349066
Chloride	**1930**	20.0	1	12/06/23	12/06/23	

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	**Reported:**
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/11/2023 3:23:51PM

Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2349056-BLK1)									Prepared: 12/06/23 Analyzed: 12/06/23
Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	*7.76*		*8.00*		*96.9*	*70-130*			
LCS (2349056-BS1)									Prepared: 12/06/23 Analyzed: 12/06/23
Benzene	4.88	0.0250	5.00		97.6	70-130			
Ethylbenzene	4.73	0.0250	5.00		94.6	70-130			
Toluene	4.91	0.0250	5.00		98.2	70-130			
o-Xylene	4.85	0.0250	5.00		97.0	70-130			
p,m-Xylene	9.77	0.0500	10.0		97.7	70-130			
Total Xylenes	14.6	0.0250	15.0		97.4	70-130			
Surrogate: 4-Bromochlorobenzene-PID	*7.88*		*8.00*		*98.5*	*70-130*			
Matrix Spike (2349056-MS1)				**Source: E312029-23**					Prepared: 12/06/23 Analyzed: 12/06/23
Benzene	4.69	0.0250	5.00	ND	93.7	54-133			
Ethylbenzene	4.54	0.0250	5.00	ND	90.7	61-133			
Toluene	4.71	0.0250	5.00	ND	94.2	61-130			
o-Xylene	4.66	0.0250	5.00	ND	93.2	63-131			
p,m-Xylene	9.38	0.0500	10.0	ND	93.8	63-131			
Total Xylenes	14.0	0.0250	15.0	ND	93.6	63-131			
Surrogate: 4-Bromochlorobenzene-PID	*7.92*		*8.00*		*99.1*	*70-130*			
Matrix Spike Dup (2349056-MSD1)				**Source: E312029-23**					Prepared: 12/06/23 Analyzed: 12/06/23
Benzene	5.20	0.0250	5.00	ND	104	54-133	10.5	20	
Ethylbenzene	5.03	0.0250	5.00	ND	101	61-133	10.3	20	
Toluene	5.22	0.0250	5.00	ND	104	61-130	10.3	20	
o-Xylene	5.16	0.0250	5.00	ND	103	63-131	10.2	20	
p,m-Xylene	10.4	0.0500	10.0	ND	104	63-131	10.0	20	
Total Xylenes	15.5	0.0250	15.0	ND	104	63-131	10.1	20	
Surrogate: 4-Bromochlorobenzene-PID	*7.81*		*8.00*		*97.6*	*70-130*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	**Reported:**
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/11/2023 3:23:51PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2349056-BLK1)									Prepared: 12/06/23 Analyzed: 12/06/23
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.46*		*8.00*		*93.3*	*70-130*			
LCS (2349056-BS2)									Prepared: 12/06/23 Analyzed: 12/06/23
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.60*		*8.00*		*95.0*	*70-130*			
Matrix Spike (2349056-MS2)				**Source: E312029-23**					Prepared: 12/06/23 Analyzed: 12/06/23
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.59*		*8.00*		*94.9*	*70-130*			
Matrix Spike Dup (2349056-MSD2)				**Source: E312029-23**					Prepared: 12/06/23 Analyzed: 12/06/23
Gasoline Range Organics (C6-C10)	49.7	20.0	50.0	ND	99.5	70-130	2.83	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	*7.54*		*8.00*		*94.2*	*70-130*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	**Reported:**
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/11/2023 3:23:51PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2349062-BLK1)									Prepared: 12/06/23 Analyzed: 12/06/23
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	*39.0*		*50.0*		*78.1*	*50-200*			
LCS (2349062-BS1)									Prepared: 12/06/23 Analyzed: 12/06/23
Diesel Range Organics (C10-C28)	215	25.0	250		85.9	38-132			
Surrogate: n-Nonane	*39.8*		*50.0*		*79.7*	*50-200*			
Matrix Spike (2349062-MS1)				**Source: E311245-05**					Prepared: 12/06/23 Analyzed: 12/06/23
Diesel Range Organics (C10-C28)	216	25.0	250	ND	86.5	38-132			
Surrogate: n-Nonane	*40.8*		*50.0*		*81.5*	*50-200*			
Matrix Spike Dup (2349062-MSD1)				**Source: E311245-05**					Prepared: 12/06/23 Analyzed: 12/06/23
Diesel Range Organics (C10-C28)	214	25.0	250	ND	85.7	38-132	0.986	20	
Surrogate: n-Nonane	*40.0*		*50.0*		*80.0*	*50-200*			

QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	**Reported:**
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/11/2023 3:23:51PM

Anions by EPA 300.0/9056A

Analyst: DT

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	
Blank (2349066-BLK1)									Prepared: 12/06/23 Analyzed: 12/06/23
Chloride	ND	20.0							
LCS (2349066-BS1)									Prepared: 12/06/23 Analyzed: 12/06/23
Chloride	249	20.0	250		99.4	90-110			
Matrix Spike (2349066-MS1)				**Source: E312027-02**					Prepared: 12/06/23 Analyzed: 12/06/23
Chloride	248	20.0	250	ND	99.3	80-120			
Matrix Spike Dup (2349066-MSD1)				**Source: E312027-02**					Prepared: 12/06/23 Analyzed: 12/06/23
Chloride	251	20.0	250	ND	100	80-120	0.987	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:	Mesquite Booster Line	
911 Regional Park Dr.	Project Number:	01058-0007	**Reported:**
Houston TX, 77060	Project Manager:	Ethan Sessums	12/11/23 15:23

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
RPD	Relative Percent Difference
DNI	Did Not Ignite
DNR	Did not react with the addition of acid or base.

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

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

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: E312028
JOB # 01058-0007

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Mesquite Booster Line	Turn Around	
Project Number:	236829	☐ Routine ☑ Rush	
Project Location	Lea Co, NM	Due Date:	48hrs
Sampler's Name:	Ethan Sessums	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	21114907		

SAMPLE RECEIPT			
Temp Blank:	Yes No	Wet Ice:	(Yes) No
Received Intact:	(Yes) No	Thermometer ID:	
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4°C
Total Containers:		Corrected Temperature:	

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2S0_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
V-1	4'	12/4/2023		X		Grab	1	X	X	X		Incident ID nAPP2325073485
V-2	4'	12/4/2023		X		Grab	1	X	X	X		
H-1	0-0.5'	12/4/2023		X		Grab	1	X	X	X		
H-2	0-0.5'	12/4/2023		X		Grab	1	X	X	X		
H-3	0-0.5'	12/4/2023		X		Grab	1	X	X	X		

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		12-5-23 1050	2		12.5.23 1800
3		12/6/23 7:30	4		
5			6		

Revised Date 05012020 Rev. 2020.1

Envirotech Analytical Laboratory

Printed: 12/6/2023 8:34:28AM

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:	12/06/23 07:30	Work Order ID:	E312028
Phone:	(281) 872-9300	Date Logged In:	12/05/23 14:43	Logged In By:	Jordan Montano
Email:	esessums@ntglobal.com	Due Date:	12/07/23 17:00 (1 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	Carrier: Courier
4. Was the COC complete, i.e., signatures, dates/times, requested analyses?	No	
5. Were all samples received within holding time? Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this disucssion.	Yes	

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 Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling	Yes	
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?	No	
Collectors name?	No	

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 filteration 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

Comments/Resolution

Time sampled not provided on COC per client.

Client Instruction

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

Date

envirotech Inc.

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: E 312028
JOB # 01058-0007

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Mesquite Booster Line	Turn Around	
Project Number:	236829	☐ Routine ☑ Rush	
Project Location	Lea Co, NM	Due Date:	48hrs
Sampler's Name:	Ethan Sessums	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	21114907		

SAMPLE RECEIPT				
Temp Blank:	Yes No	Wet Ice:	(Yes) No	
Received Intact:	(Yes) No	Thermometer ID:		
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:		
Sample Custody Seals:	Yes No (N/A)	Temperature Reading:	4°C	
Total Containers:		Corrected Temperature:		

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
~~V-1~~ CS-1	4'	12/4/2023		X		Grab	1		X	X	X		1 Incident ID nAPP2325073485
~~V-2~~ CS-2	4'	12/4/2023		X		Grab	1		X	X	X		2
~~H-1~~ SW-1	~~0-0.5'~~	12/4/2023		X		Grab	1		X	X	X		3
~~H-2~~ SW-2	~~0-0.5'~~	12/4/2023		X		Grab	1		X	X	X		4
~~H-3~~ SW-3	~~0-0.5'~~	12/4/2023		X		Grab	1		X	X	X		5

E. Sessums asked to change sample names 12/11/23 AM

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		12-5-23 1050	2 Michelle Garcia	Andrew Hess	12-5-23 1800
3 Andrew Hess	4	12/6/23 7:30	4		
5			6		

Revised Date 05012020 Rev. 2020.1

CARDINAL Laboratories

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

December 27, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESQUITE BOOSTER LINE

Enclosed are the results of analyses for samples received by the laboratory on 12/22/23 10:55.

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.

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

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

Accreditation applies to public drinking water matrices.

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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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:	12/22/2023	Sampling Date:	12/22/2023
Reported:	12/27/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: SW - 01A 0-4 (H236822-01)

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	12/22/2023	ND	2.20	110	2.00	2.02	
Toluene*	<0.050	0.050	12/22/2023	ND	2.23	112	2.00	1.82	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.23	112	2.00	1.61	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.69	111	6.00	1.40	
Total BTEX	<0.300	0.300	12/22/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID *104 %* *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	**304**	16.0	12/22/2023	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	12/22/2023	ND	199	99.7	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	187	93.7	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					

Surrogate: 1-Chlorooctane *103 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *115 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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:	12/22/2023	Sampling Date:	12/22/2023
Reported:	12/27/2023	Sampling Type:	Soil
Project Name:	MESQUITE BOOSTER LINE	Sampling Condition:	Cool & Intact
Project Number:	236829	Sample Received By:	Shari Cisneros
Project Location:	DEVON - LEA COUNTY, NM		

Sample ID: SW - 03A 0-4 (H236822-02)

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	12/22/2023	ND	2.01	100	2.00	0.545	
Toluene*	<0.050	0.050	12/22/2023	ND	2.07	104	2.00	1.52	
Ethylbenzene*	<0.050	0.050	12/22/2023	ND	2.07	103	2.00	1.79	
Total Xylenes*	<0.150	0.150	12/22/2023	ND	6.17	103	6.00	1.78	
Total BTEX	<0.300	0.300	12/22/2023	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	**496**	16.0	12/22/2023	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	12/22/2023	ND	199	99.7	200	1.12	
DRO >C10-C28*	<10.0	10.0	12/22/2023	ND	187	93.7	200	1.70	
EXT DRO >C28-C36	<10.0	10.0	12/22/2023	ND					

Surrogate: 1-Chlorooctane *99.2 %* *48.2-134*

Surrogate: 1-Chlorooctadecane *109 %* *49.1-148*

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Notes and Definitions

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

Cardinal Laboratories *=Accredited Analyte

Celey D. Keene, Lab Director/Quality Manager

Chain of Custody

NTG ENVIRONMENTAL

Work Order No: H236822

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Dale Woodall
Company Name:	NTG Environmental	Company Name:	Devon
Address:	209 W McKay St	Address:	
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	
Phone:	432-766-1918	Email:	esessums@ntglobal.com

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐

State of Project:

Reporting: Level II ☐ Level III ☐ ST/UST ☐ RRP ☐ Level IV ☐

Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Mesquite Booster Line	Turn Around	☐ Routine ☑ Rush
Project Number:	236829	Due Date:	24hrs
Project Location	Lea Co, NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Clayton Tumas		
PO #:	21114907		

SAMPLE RECEIPT			
Temp Blank:	Yes (No)	Wet Ice:	Yes (No)
Received Intact:	(Yes) No	Thermometer ID:	#140
Cooler Custody Seals:	Yes (No) N/A	Correction Factor:	—
Sample Custody Seals:	Yes (No) N/A	Temperature Reading:	3.9
Total Containers:	2	Corrected Temperature:	—

Preservative Codes

None: NO; DI Water: H_2O; Cool: Cool; MeOH: Me; HCL: HC; HNO_3: HN; H_2SO_4: H_2; NaOH: Na; H_3PO_4: HP; $NaHSO_4$: NABIS; $Na_2S_2O_3$: $NaSO_3$; Zn Acetate+NaOH: Zn; NaOH+Ascorbic Acid: SAPC

Sample Identification	Depth (ft bgs)	Date	Time	Soil	Water	Grab/ Comp	# of Cont	Pres. Code	Parameters: BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD	Sample Comments
SW-01A	0-4	12/22/2023		X		Comp	1		X	X	X		
SW-03A	0-4	12/22/2023		X		Comp	1		X	X	X		

Additional Comments:

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1	Shari Simmons	12/22/23 10:55	2		
3			4		
5			6		

Revised Date 05012020 Rev. 2020.1

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

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

QUESTIONS

Action 316835

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316835
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	**nAPP2325073485**
Incident Name	**NAPP2325073485 MESQUITE BOOSTER LINE @ 0**
Incident Type	**Produced Water Release**
Incident Status	**Remediation Closure Report Received**

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MESQUITE BOOSTER LINE
Date Release Discovered	09/07/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications 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	Cause: Equipment Failure | Pipeline (Any) | Produced Water | Released: 1 BBL | Recovered: 0 BBL | Lost: 1 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	*Not answered.*
Natural Gas Vented (Mcf) Details	*Not answered.*
Natural Gas Flared (Mcf) Details	*Not answered.*
Other Released Details	*Not answered.*
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	A ball valve on the pipeline washed out and spilled approximately 1.24 bbls of produced water. All fluids soaked in and there was zero recovery. The pipeline was isolated to stop the leak.

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316835
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	**More info needed to determine if this will be treated as a "gas only" report.**
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	*Unavailable.*
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	*Not answered.*
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@dvn.com Date: 02/23/2024

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316835
	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 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between 1 and 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	Yes

Remediation Plan	
Please answer all the questions that apply or are indicated. This information must be 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)	8660
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10
GRO+DRO (EPA SW-846 Method 8015M)	10
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
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	12/04/2023
On what date will (or did) the final sampling or liner inspection occur	12/22/2023
On what date will (or was) the remediation complete(d)	12/27/2023
What is the estimated surface area (in square feet) that will be reclaimed	400
What is the estimated volume (in cubic yards) that will be reclaimed	59.3
What is the estimated surface area (in square feet) that will be remediated	400
What is the estimated volume (in cubic yards) that will be remediated	59.3
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 (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316835
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and **off-site** disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for **off-site** disposal	R360 Artesia LLC LANDFARM [fEEM0112340644]
OR which OCD approved well (API) will be used for **off-site** disposal	*Not answered.*
OR is the **off-site** disposal site, to be used, out-of-state	*Not answered.*
OR is the **off-site** disposal site, to be used, an NMED facility	*Not answered.*
(Ex Situ) Excavation and **on-site** remediation (i.e. On-Site Land Farms)	*Not answered.*
(In Situ) Soil Vapor Extraction	*Not answered.*
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	*Not answered.*
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	*Not answered.*
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	*Not answered.*
Ground Water Abatement pursuant to 19.15.30 NMAC	*Not answered.*
OTHER (Non-listed remedial process)	*Not answered.*
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dvn.com Date: 02/23/2024
The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.	

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District II
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District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316835
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316835
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	**296035**
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	**12/22/2023**
What was the (estimated) number of samples that were to be gathered	**4**
What was the sampling surface area in square feet	**600**

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	400
What was the total volume (cubic yards) remediated	59.3
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	400
What was the total volume (in cubic yards) reclaimed	59.3
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@dvn.com Date: 02/23/2024

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QUESTIONS (continued)

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 316835
	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 316835

CONDITIONS

Operator:	OGRID:
DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	6137
	Action Number: 316835
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	4/17/2024
scott.rodgers	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	4/17/2024