

Incident ID	nAPP2222034006
District RP	
Facility ID	
Application ID	

## Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>&gt;55</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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

State of New Mexico  
Oil Conservation Division

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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:    10/09/23   

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

**OCD Only**

Received by:    Shelly Wells    Date:    10/16/2023





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

October 16, 2023

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

**Re: Closure Report**  
**Mean Green 27 Fed 2H**  
**Unit P, S22, T26S, R34E**  
**Site Coordinates: 32.022046, -103.450923**  
**Lea County, New Mexico**  
**Incident ID: nAPP2222034006**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this letter to document site assessment and remedial action activities at the Mean Green 27 Fed 2H (Site). The Site is located approximately 16.7 miles southwest of Jal, New Mexico in Lea County (Figures 1 and 2).

### **Background**

Based on the initial C-141 obtained from the New Mexico Oil Conservation Division (NMOCD), the release was discovered on August 6<sup>th</sup>, 2022. The release was a result of a load line left open. This resulted in the release of approximately 26 barrels (bbls) of produced water of which 24 bbls were recovered for a net loss of 2 bbls of produced water. Upon discovery, the equipment was shut-in, and area was secured. The release area is shown on Figure 3. The initial C-141 form is attached.

### **Site Characterization**

The site is located within a low karst area. Based on a review of the New Mexico Office of State Engineers (NMOSE) and USGS databases, there is one water source within a ½ mile radius of the Site. The nearest identified well is located approximately 365 feet east of the Site in Sec 22 T26S R34E. The well was drilled in 2023 to the reported depth of 55 feet below ground surface (ft bgs) with no groundwater encountered. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) are located within each specific boundary or distance from the Site. 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:*

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**Creating a Better Environment  
For Oil & Gas Operations**

Mr. Mike Bratcher  
October 16, 2023  
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Site Characterization	Average Groundwater Depth (ft)
Low Karst	>55

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

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

### **Site Assessment**

On August 8<sup>th</sup>, 2022, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site. A total of four (4) vertical sample points (S-1 through S-4) and six (6) horizontal sample points (H-1 through H-6) were installed within the release area to characterize the impacts. Soil samples were collected in 0.5 to 1 ft intervals from depths ranging from 0 – 3.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination. Sample locations are shown on Figure 3.

After field screening, delineated samples below NMOCD regulatory criterion (S-1 through S-3 at 2–2.5 ft bgs, S4 at 3-3.5 ft bgs and H-1 through H-6 at 0-0.5 ft bgs) were submitted to the analytical laboratory and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B or 300.0) Laboratory reports containing analytical methods and chain-of-custody documents are attached. Analytical results indicated these samples to be below NMOCD regulatory criterion. Analytical results for all delineation samples are presented in Table 1.

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

Based on the analytical results, Devon proceeded with the remedial actions at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release area was excavated to a depth of 3 ft bgs in the areas of S-1 through S-4.

On August 23<sup>rd</sup>, 2023, a total of sixty-six (66) composite confirmation samples were collected from the excavation base (CS-1 through CS-66) and fourteen (14) composite confirmation samples were collected from the excavation sidewalls (SW-1 through SW-14) to ensure impacted soil was removed.

Soil samples were placed directly into laboratory provided sample containers, placed on ice, and transported under proper chain-of-custody protocol to the lab. Soil samples were collected and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Laboratory reports containing analytical methods and chain-of-custody documents are attached.

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). Following receipt of the analytical results, analytical results indicated all side wall confirmation samples (SW-1 through SW-11) were below NMOCD regulatory criterion while chloride concentrations of all base

Mr. Mike Bratcher  
October 16, 2023  
Page 3 of 3

confirmation samples (CS-1 throughout CS-66) were above NMOCD regulatory criterion 19.15.29.13 NMAC.

As a result, the impacted area was excavated further down to 4 ft bgs. On September 11<sup>th</sup>, 2023, a total of sixty-six (66) base confirmation samples (CS-1 through CS-66) were collected at a depth of 4 ft bgs. The confirmation samples were collected every 200 square feet in accordance with the regulatory guidelines and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Following receipt of the final analytical results confirming the removal of the impacted soils, the excavation was backfilled and returned to near-natural grade. The final excavation extent and confirmation sample locations are shown on Figure 4. Analytical results of the confirmation samples are included in Table 2.

### **Closing**

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 request a no further action designation for the Site. If you have any questions regarding this report or need additional information, please contact us at 432-701-2159.

Sincerely,  
**NTG Environmental**



Ethan Sessums  
Project Manager

#### **Attachments:**

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

## **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	
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Release Notification

Responsible Party

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

Location of Release Source

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

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

Unit Letter	Section	Township	Range	County

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

Nature and Volume of Release

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

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

Cause of Release

Incident ID	
District RP	
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Application ID	

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

## Initial Response

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

<input type="checkbox"/> The source of the release has been stopped.	
<input type="checkbox"/> The impacted area has been secured to protect human health and the environment.	
<input type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.	
<input type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Printed Name: _____	Title: _____
Signature: <u>Kendra Ruiz</u>	Date: _____
email: _____	Telephone: _____
<b><u>OCD Only</u></b>	
Received by: <u>Jocelyn Harimon</u>	Date: <u>08/19/2022</u>

NAPP2222034006

<b>Spill Volume(Bbls) Calculator</b>	
<i>Inputs in blue, Outputs in red</i>	
<b>Contaminated Soil measurement</b>	
Area (square feet)	Depth(inches)
<u>4802</u>	<u>0.500</u>
Cubic Feet of Soil Impacted	<u>200.083</u>
Barrels of Soil Impacted	<u>35.67</u>
Soil Type	<u>Clay/Sand</u>
Barrels of Oil Assuming 100% Saturation	<u>5.35</u>
Saturation	<u>Fluid present with shovel/backhoe</u>
Estimated Barrels of Oil Released	<u>5.35</u>
<b>Free Standing Fluid Only</b>	
<u>4802</u>	<u>3</u>
Standing fluid	<u>21.400</u>
<b>Total fluids spilled</b>	<b><u>26.750</u></b>

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

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

CONDITIONS

Action 135594

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 135594
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	8/19/2022

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Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

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

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

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Oil Conservation Division

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Printed Name: \_\_\_\_\_ Dale Woodall \_\_\_\_\_ Title: \_\_\_\_\_ Env. Professional \_\_\_\_\_

Signature: Dale Woodall \_\_\_\_\_ Date: \_\_\_\_\_ 10/09/23 \_\_\_\_\_

email: \_\_\_\_\_ dale.woodall@dv.com \_\_\_\_\_ Telephone: \_\_\_\_\_ 575-748-1838 \_\_\_\_\_

**OCD Only**

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

Incident ID	nAPP2222034006
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## Closure

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

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

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

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

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

Signature: *Dale Woodall* Date: \_\_\_10/09/23\_\_\_

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

### OCD Only

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

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

Closure Approved by: *Scott Rodgers* Date: \_\_\_01/11/2024\_\_\_

Printed Name: \_\_\_Scott Rodgers\_\_\_ Title: \_\_\_Environmental Specialist Adv.\_\_\_

## **SITE CHARACTERIZATION INFORMATION**

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## NMOCD Closure Criteria

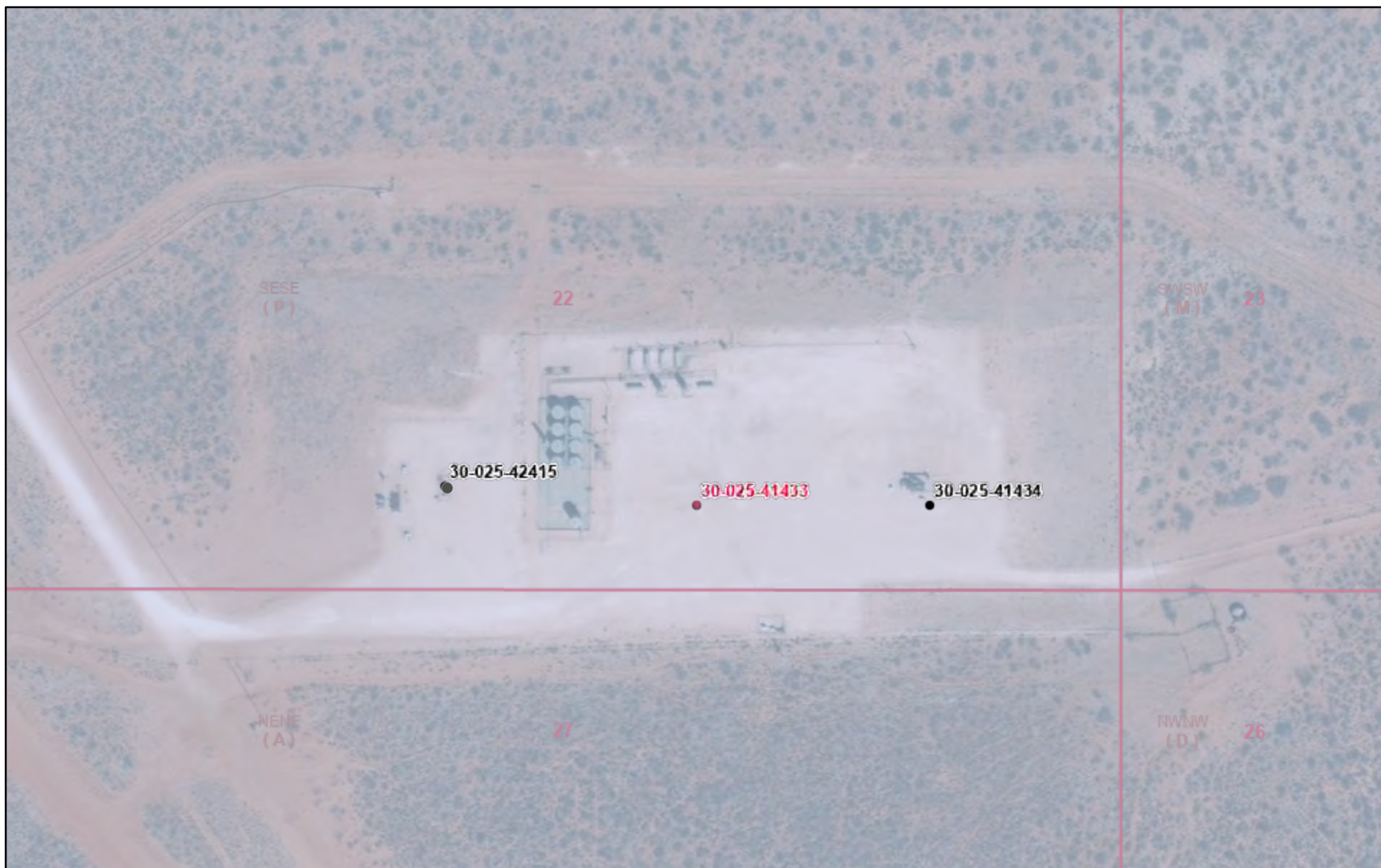
Mean Green 27 Fed 2H

Site Information (19.15.29.11.A (2,3, & 4) NMAC)		Source/Notes
Depth to Groundwater ( ft bgs)	>55	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	x	10,000	2,500	1,000	50	10
>100		20,000	2,500	1,000	50	10
Surface Water	Yes/No	in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	600	100		50	10
<200 ft from a lakebed, sinkhole, or playa lake?	No					
Water Well or Water Source						
<500 ft from a spring or a private, domestic fresh waster well used by less that 5 households for domestic or livestock purposes?	No					
<1,000 ft from a fresh water well or spring?	No					
Human and Other Area						
<300 ft from an occupied permanent residence, school, hospital, institution or church?	No					
Within incorporated municipal boundaries or within a defined municipal fresh water well field?	No					
<100 ft from a wetland?	No					
Within an area overlying a subsurface mine?	No					
Within and unstable area?	No					
Within a 100 yr floodplain?	No					

\* - numerical limit or background, whichever is greater

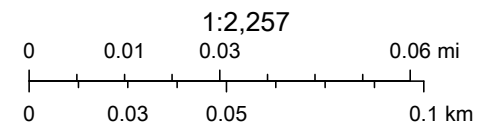
## OCD Well Locations



10/9/2023, 11:43:05 AM

Wells - Large Scale Karst Occurrence Potential  PLSS First Division

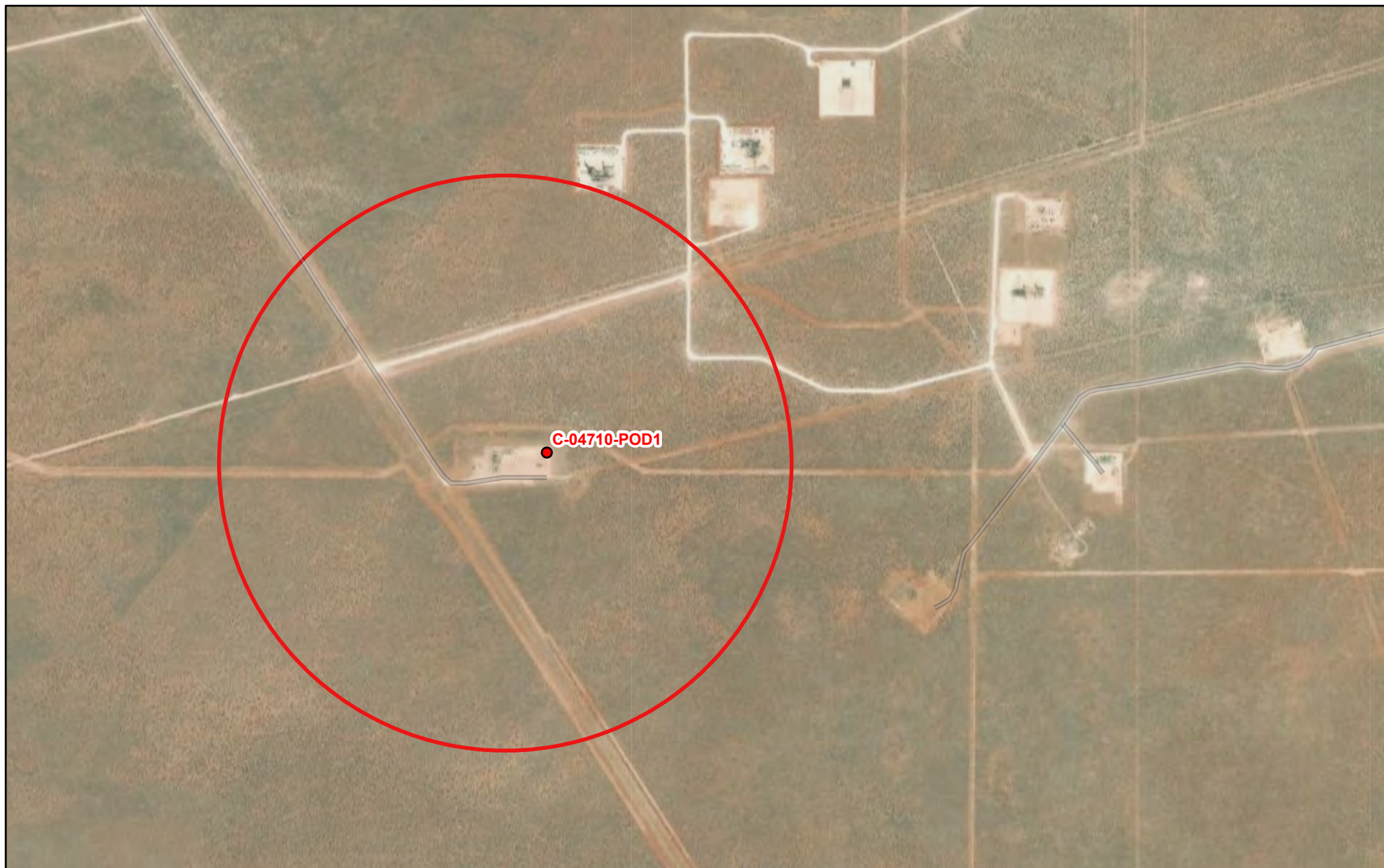
- Oil, Active  Low
- Oil, Plugged  PLSS Second Division



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

New Mexico Oil Conservation Division

# OSE POD Location Map



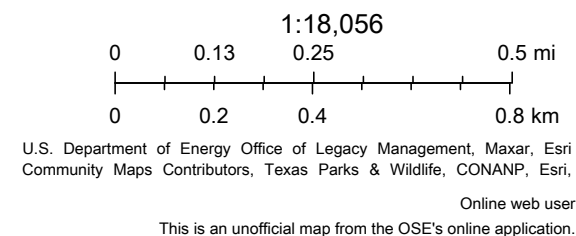
10/9/2023, 11:37:30 AM

 Override 1     OSE District Boundary     SiteBoundaries

GIS WATERS PODs Water Right Regulations

 Plugged     Closure Area

Released to Imaging: 1/11/2024 4:39:39 PM





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

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

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) POD 1 (TW-1)		WELL TAG ID NO. N/A		OSE FILE NO(S) C-04710			
	WELL OWNER NAME(S) Devon Energy				PHONE (OPTIONAL) 575-748-1838			
	WELL OWNER MAILING ADDRESS 6488 7 Rivers Hwy				CITY Artesia	STATE NM	ZIP 88210	
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 32	MINUTES 1	SECONDS 20.25	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	26	59.18	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SE SE SE Sec.22 T26S R34E, NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 4/13/23	DRILLING ENDED 4/13/23	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±55	DEPTH WATER FIRST ENCOUNTERED (FT) N/A		
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN <input checked="" type="checkbox"/> DRY HOLE <input type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) N/A	DATE STATIC MEASURED 4/25/23		
	DRILLING FLUID: <input type="checkbox"/> AIR <input type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input checked="" type="checkbox"/> OTHER - SPECIFY: Hollow Stem Auger					CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input type="checkbox"/>		
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	55	±6.25	Soil Boring	--	--	--	--
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
				N/A				

FOR OSE INTERNAL USE

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

FILE NO.	C-4710	POD NO.	1	TRN NO.	143060
LOCATION	26S. 34E. 22	444	WELL TAG ID NO.	MA	PAGE 1 OF 2

	DEPTH (feet bgl)		THICKNESS (feet)	COLOR AND TYPE OF MATERIAL ENCOUNTERED - INCLUDE WATER-BEARING CAVITIES OR FRACTURE ZONES <b>(attach supplemental sheets to fully describe all units)</b>	WATER BEARING? (YES / NO)	ESTIMATED YIELD FOR WATER- BEARING ZONES (gpm)	
	FROM	TO					
<b>4. HYDROGEOLOGIC LOG OF WELL</b>	0	9	9	Sand, fine-grained poorly graded, Brown	Y    ✓ N		
	9	35	26	Caliche, unconsolidated, off white	Y    ✓ N		
	35	45	10	Sand, fine-grained poorly graded, consolidated, Brown	Y    ✓ N		
	45	55	10	Sand, very fine-grained poorly graded, unconsolidated, Brownish Tan	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: <input type="checkbox"/> PUMP <input type="checkbox"/> AIR LIFT <input type="checkbox"/> BAILER <input type="checkbox"/> OTHER – SPECIFY: _____					TOTAL ESTIMATED WELL YIELD (gpm):                0.00	
	<b>5. TEST; RIG SUPERVISION</b>	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. 43 Mean Green 27 Feb 2H							
PRINT NAME(S) OF DRILL RIG SUPERVISOR(S) THAT PROVIDED ONSITE SUPERVISION OF WELL CONSTRUCTION OTHER THAN LICENSEE: Shane Eldridge, Cameron Pruitt							
<b>6. SIGNATURE</b>	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:						
	 JACKIE D. ATKINS			4/26/23			
SIGNATURE OF DRILLER / PRINT SIGNEE NAME				DATE			

FOR USE INTERNAL USE		WR-20 WELL RECORD & LOG (Version 01/28/2022)	
FILE NO.	C-4710	POD NO.	1
LOCATION		TRN NO.	743060
2105-34E-22 444		WELL TAG ID NO.	M7
		PAGE 2 OF 2	



# 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

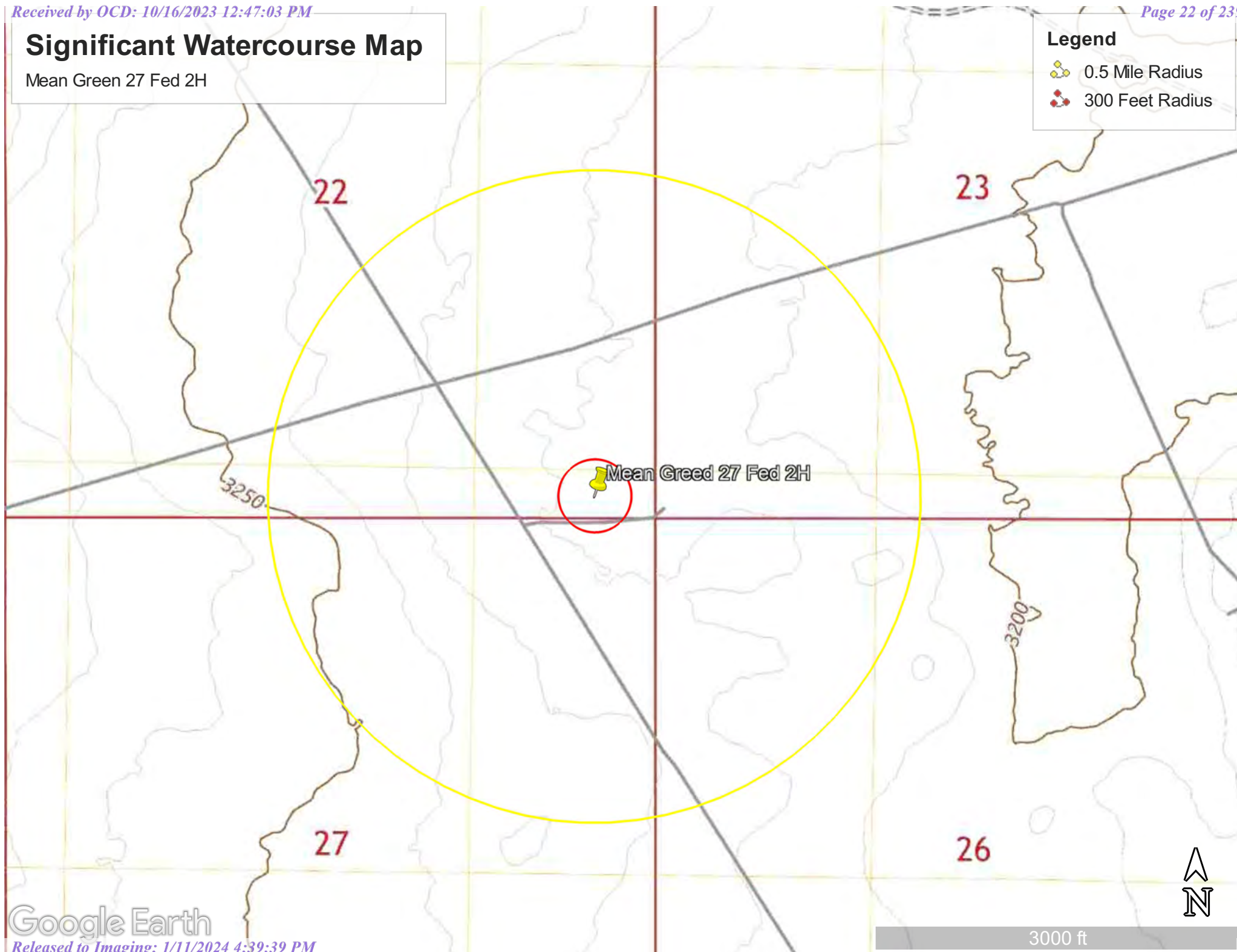
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

# Significant Watercourse Map

Mean Green 27 Fed 2H

## Legend

-  0.5 Mile Radius
-  300 Feet Radius



# National Flood Hazard Layer FIRMette



103°27'25"W 32°1'34"N



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

1:6,000

103°26'48"W 32°1'14"N

Released to Imaging: 1/11/2024 4:39:39 PM

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		Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **10/9/2023 at 1:46 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.

## **TABLES**

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**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Mean Green 27 Federal #002H**  
**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)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg
Vertical Delineation Samples													
S-1	8/22/2022	(2-2.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<49.8	<49.8	<49.8	<49.8	<49.8	311
S-2	8/22/2022	(2-2.5')	<0.00199	<0.00199	<0.00199	<0.00398	<0.00398	<50.0	<50.0	<50.0	<50.0	<50.0	122
S-3	8/22/2022	(2-2.5')	<0.00200	<0.00200	<0.00200	<0.00401	<0.00401	<49.9	<49.9	<49.9	<49.9	<49.9	167
S-4	8/22/2022	(3-3.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	209
Horizontal Delineation Samples													
H-1	8/22/2022	(0-0.5')	<0.00202	<0.00202	<0.00202	<0.00403	<0.00403	<50.0	<50.0	<50.0	<50.0	<50.0	24.2
H-2	8/23/2022	(0-0.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	83.3
H-3	8/24/2022	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<49.9	<49.9	<49.9	<49.9	<49.9	155
H-4	8/25/2022	(0-0.5')	<0.00201	<0.00201	<0.00201	<0.00402	<0.00402	<50.0	<50.0	<50.0	<50.0	<50.0	16.5
H-5	8/26/2022	(0-0.5')	<0.00200	<0.00200	<0.00200	<0.00399	<0.00399	<50.0	<50.0	<50.0	<50.0	<50.0	184
H-6	8/27/2022	(0-0.5')	<0.00202	<0.00202	<0.00202	<0.00404	<0.00404	<49.8	<49.8	<49.8	<49.8	<49.8	217

## 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

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Mean Green 27 Federal #002H**  
**Devon Energy Production Company**  
**Lea County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C20)	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)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg
Confirmation Base Samples													
CS-1	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1200
CS-1	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
CS-2	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1810
CS-2	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1170
CS-3	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2800
CS-3	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1260
CS-4	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2840
CS-4	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	752
CS-5	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1840
CS-5	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	304
CS-6	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2800
CS-6	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
CS-7	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2680
CS-7	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-8	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1710
CS-8	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-9	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1180
CS-9	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
CS-10	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6480
CS-10	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-11	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1720
CS-11	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CS-12	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1600
CS-12	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-13	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2610
CS-13	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
CS-14	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3240
CS-14	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
CS-15	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2080
CS-15	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	928
CS-16	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1600

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Mean Green 27 Federal #002H**  
**Devon Energy Production Company**  
**Lea County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C20)	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 51-100 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg			
CS-16	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	832
CS-17	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2280
CS-17	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
CS-18	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2080
CS-18	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
CS-19	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2480
CS-19	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
CS-20	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
CS-20	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	592
CS-21	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1760
CS-21	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-22	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2440
CS-22	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	624
CS-23	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1600
CS-23	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-24	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1920
CS-24	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-25	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1760
CS-25	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-26	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2240
CS-26	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
CS-27	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2640
CS-27	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-28	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1800
CS-28	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1040
CS-29	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
CS-29	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-30	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2040
CS-30	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64
CS-31	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1960
CS-31	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	800
CS-32	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2200

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Mean Green 27 Federal #002H**  
**Devon Energy Production Company**  
**Lea County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C20)	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 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg
CS-32	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1020
CS-33	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1840
CS-33	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
CS-34	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2200
CS-34	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
CS-35	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2080
CS-35	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1220
CS-36	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2280
CS-36	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-37	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2160
CS-37	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-38	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2440
CS-38	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	320
CS-39	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2280
CS-39	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-40	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
CS-40	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-41	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1920
CS-41	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
CS-42	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1840
CS-42	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	896
CS-43	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2080
CS-43	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
CS-44	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2520
CS-44	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-45	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2360
CS-45	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
CS-46	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1880
CS-46	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656
CS-47	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
CS-47	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1250
CS-48	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1630

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Mean Green 27 Federal #002H**  
**Devon Energy Production Company**  
**Lea County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C20)	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 51-100 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg			
CS-48	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1180
CS-49	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3280
CS-49	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	576
CS-50	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2960
CS-50	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-51	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3320
CS-51	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	544
CS-52	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2920
CS-52	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
CS-53	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4400
CS-53	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
CS-54	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5040
CS-54	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-55	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3280
CS-55	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS-56	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3760
CS-56	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	656
CS-57	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5360
CS-57	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	688
CS-58	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3600
CS-58	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
CS-59	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3720
CS-59	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	704
CS-60	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3320
CS-60	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1010
CS-61	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4880
CS-61	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
CS-62	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4880
CS-62	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-63	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4000
CS-63	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-64	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4000

**Table 2**  
**Summary of Soil Analytical Data - Confirmation Samples**  
**Mean Green 27 Federal #002H**  
**Devon Energy Production Company**  
**Lea County, New Mexico**

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C20)	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)	
			Table I Closure Criteria for Soil 51-100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1000 mg/kg	---	2500 mg/kg	10000 mg/kg
CS-64	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
CS-65	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3520
CS-65	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
CS-66	8/23/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3920
CS-66	9/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
Confirmation Sidewall Samples													
SW-1	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
SW-2	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-3	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-4	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-5	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SW-6	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
SW-7	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-8	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
SW-9	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-10	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-11	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
SW-12	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-13	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	240
SW-14	8/23/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192

## Notes:

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

- TPH analyses by EPA Method SW 8015 Mod.
- 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).

- Not Analyzed

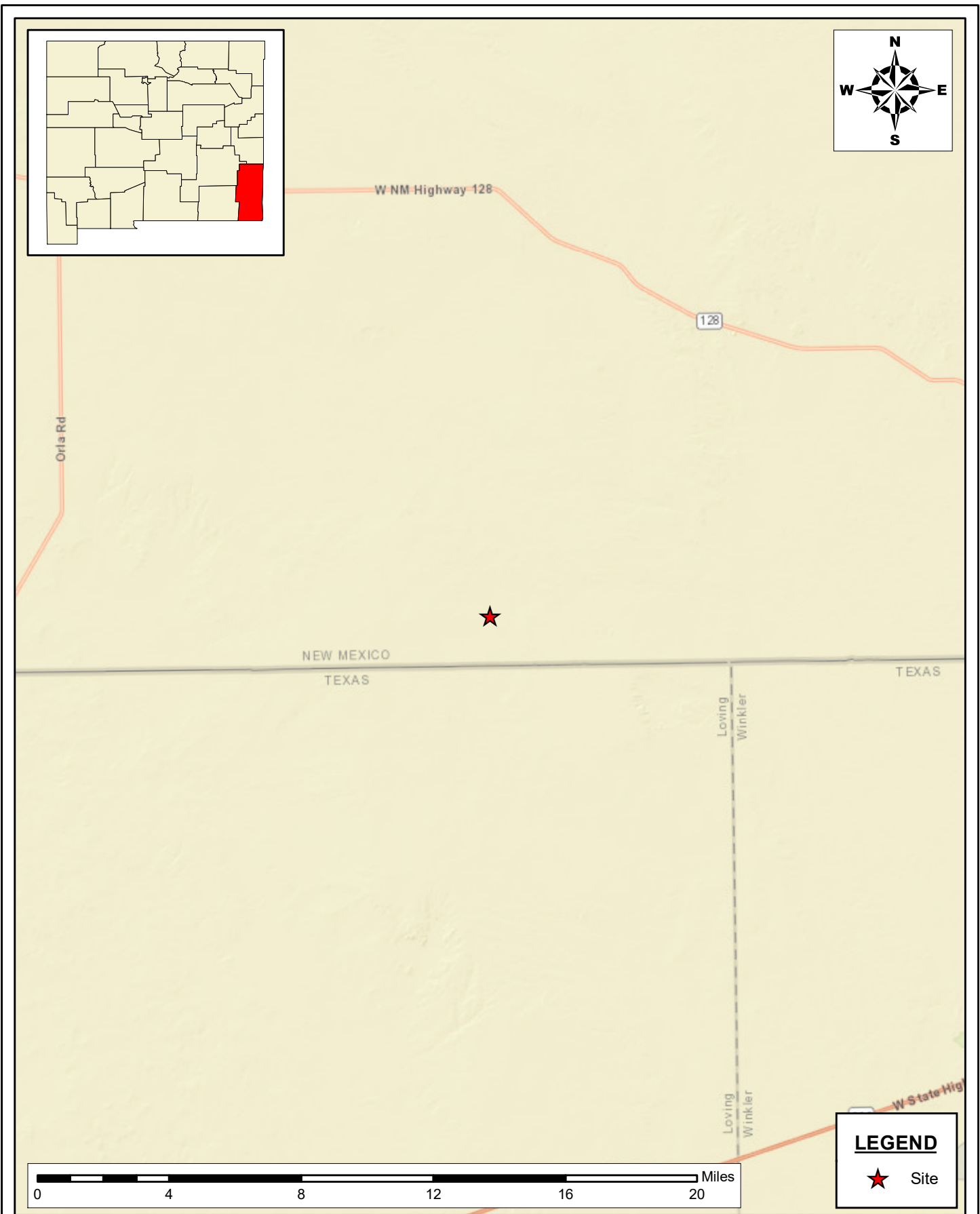
SP-1

Sample Point Excavated

## **FIGURES**

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SITE LOCATION MAP  
CLOSURE REPORT  
MEAN GREEN 27 FED 1  
DEVON ENERGY PRODUCTION COMPANY, LLC  
LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 8/2/2023

PROJECT #: 226070



**New Tech Global Environmental, LLC**  
911 Regional Park Drive  
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**NOTES:**

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

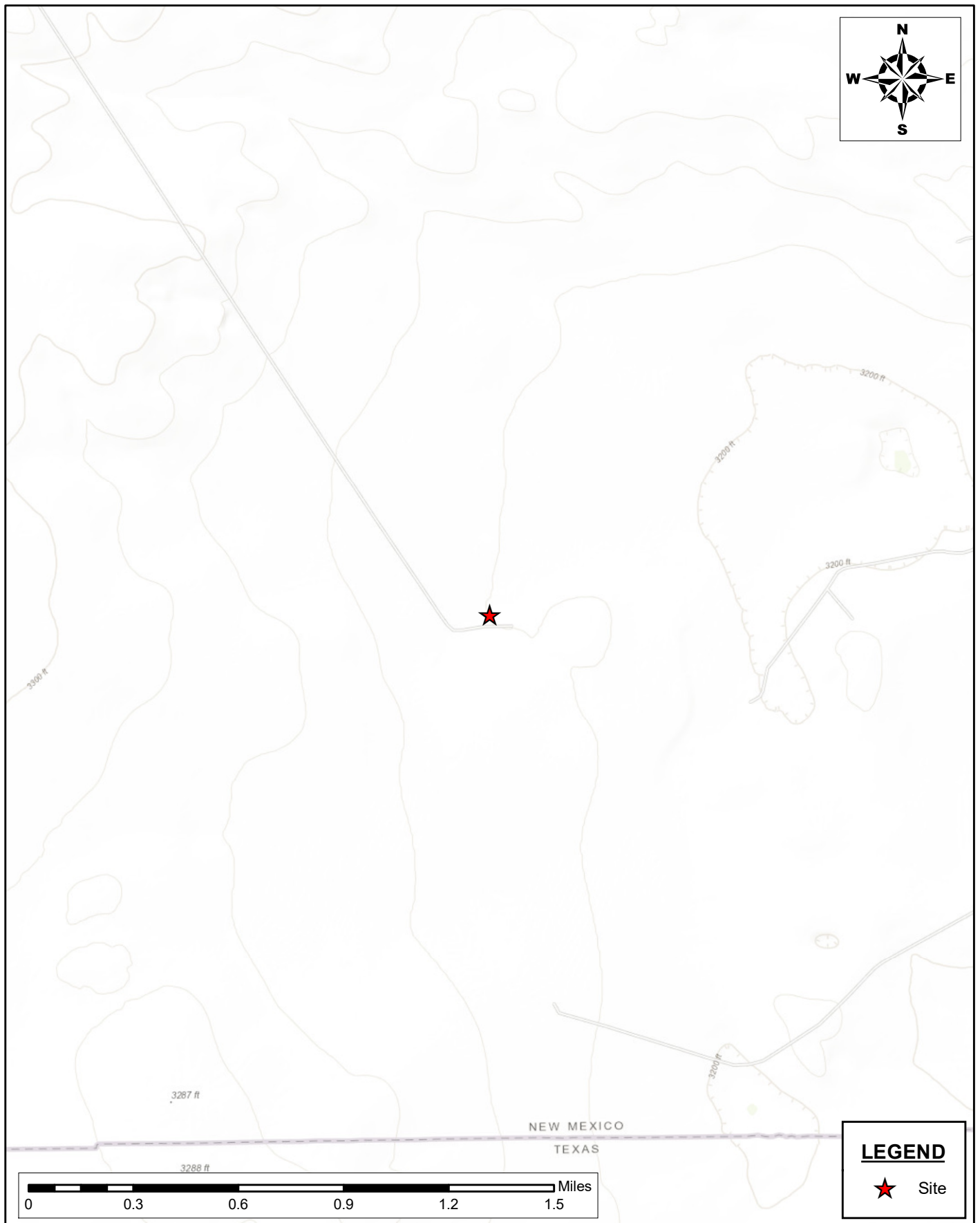
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**FIGURE 1**

SHEET NUMBER:

**1 of 1**

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TOPOGRAPHIC MAP  
CLOSURE REPORT  
MEAN GREEN 27 FED 1  
DEVON ENERGY PRODUCTION COMPANY, LLC  
LEA COUNTY, NEW MEXICO

SCALE: As Shown

Date: 8/2/2023

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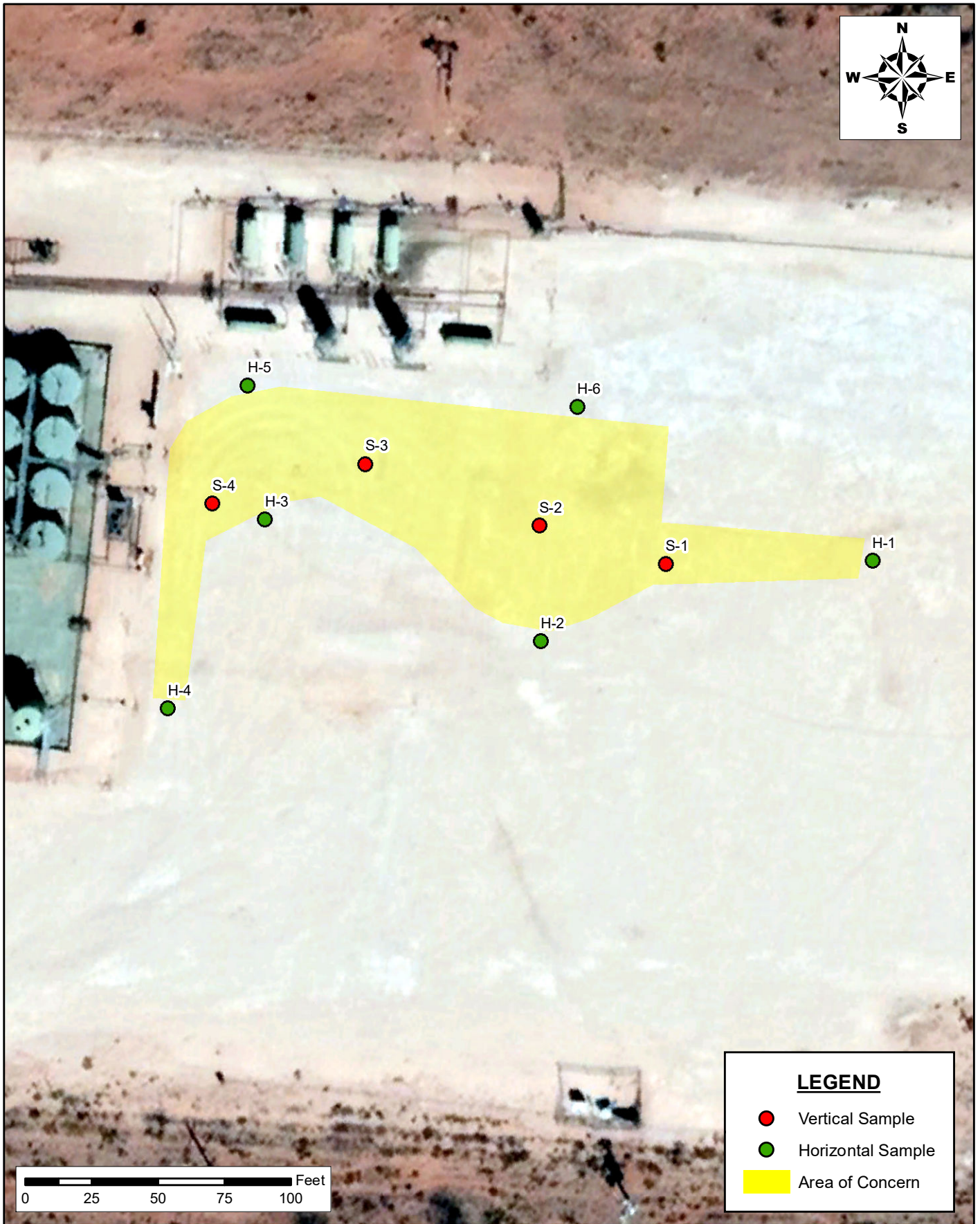
1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983

DRAWING NUMBER:

**FIGURE 2**

SHEET NUMBER:

**1 of 1**



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SITE ASSESSMENT MAP  
CLOSURE REPORT  
MEAN GREEN 27 FED 1  
DEVON ENERGY PRODUCTION COMPANY, LLC  
LEA COUNTY, NEW MEXICO



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**NOTES:**

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

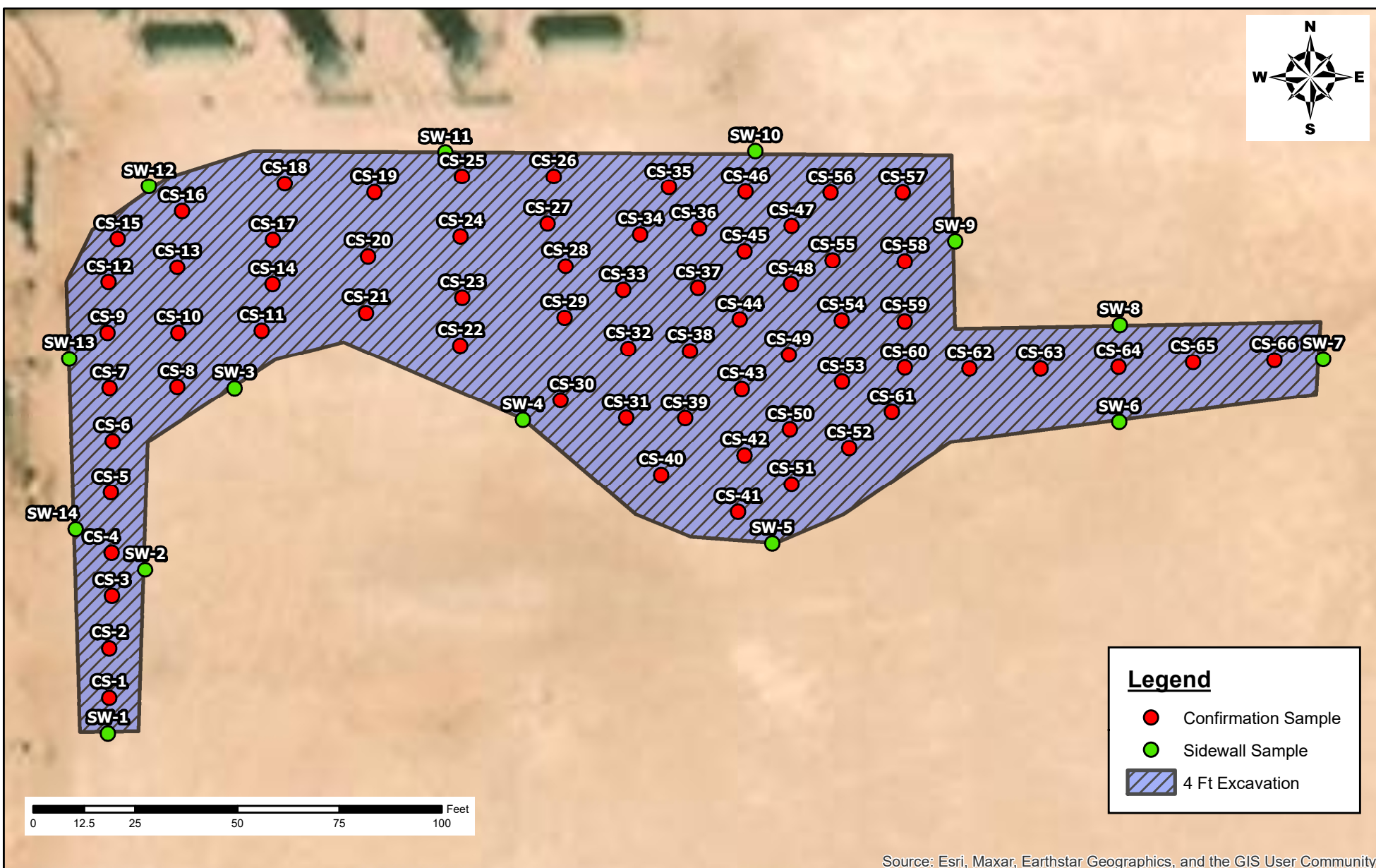
DRAWING NUMBER:


**FIGURE 3**

SHEET NUMBER:

**1 of 1**

SCALE: AS SHOWN    DATE: 08/02/2023    PROJECT #: 226070



SHEET NUMBER 1 of 1  DRAWING NUMBER FIGURE 4	CONFIRMATION MAP CLOSURE REPORT MEAN GREEN 27 FED 2H DEVON ENERGY PRODUCTION COMPANY LEA COUNTY, NEW MEXICO  SCALE: As Shown    Date: 10/9/2023    PROJECT #: 226070	New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntgenviroental.com  	<b>NOTES:</b> 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N

## **PHOTOGRAPHIC LOG**

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## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 1****Facility:** Mean Green 27 Fed 2H**County:** Lea County, New Mexico**Description:**  
View of the release.**Photograph No. 2****Facility:** Mean Green 27 Fed 2H**County:** Lea County, New Mexico**Description:**  
View of the release.**Photograph No. 3****Facility:** Mean Green 27 Fed 2H**County:** Lea County, New Mexico**Description:**  
View of the release.

## PHOTOGRAPHIC LOG

Devon Energy Production Company

**Photograph No. 4**

**Facility:** Mean Green 27 Fed 2H

**County:** Lea County, New Mexico

**Description:**

View of the completed excavation.

**Photograph No. 5**

**Facility:** Mean Green 27 Fed 2H

**County:** Lea County, New Mexico

**Description:**

View of the completed excavation.

**Photograph No. 6**

**Facility:** Mean Green 27 Fed 2H

**County:** Lea County, New Mexico

**Description:**

View of the completed excavation.



## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 7****Facility:** Mean Green 27 Fed 2H**County:** Lea County, New Mexico**Description:**

View of the backfilled excavation.

**Photograph No. 8****Facility:** Mean Green 27 Fed 2H**County:** Lea County, New Mexico**Description:**

View of the backfilled excavation.

**Photograph No. 9****Facility:** Mean Green 27 Fed 2H**County:** Lea County, New Mexico**Description:**

View of the backfilled excavation.



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



Environment Testing  
America

## ANALYTICAL REPORT

Eurofins Carlsbad  
1089 N Canal St.  
Carlsbad, NM 88220  
Tel: (575)988-3199

Laboratory Job ID: 890-2795-1

Laboratory Sample Delivery Group: Lea Co  
Client Project/Site: Mean Green 27 Fed 1

For:

NT Global  
701 Tradewinds Blvd  
Midland, Texas 79706

Attn: Ethan Sessums

Authorized for release by:

8/29/2022 8:17:53 AM

Jessica Kramer, Project Manager  
(432)704-5440

[Jessica.Kramer@et.eurofinsus.com](mailto:Jessica.Kramer@et.eurofinsus.com)

### LINKS

Review your project  
results through



Have a Question?



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[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Laboratory Job ID: 890-2795-1  
SDG: Lea Co

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## Definitions/Glossary

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## Qualifiers

## GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

## GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
SQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Job ID: 890-2795-1

Laboratory: Eurofins Carlsbad

Narrative	Job Narrative 890-2795-1
-----------	-----------------------------

Receipt

The samples were received on 8/22/2022 4:29 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 22.8°C

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-32833 and analytical batch 880-32836 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-2 (2-2.5) (890-2795-8). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The method blank for preparation batch 880-32835 and analytical batch 880-32815 contained Ethylbenzene, m-Xylene & p-Xylene and Xylenes, Total above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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## Client Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Client Sample ID: H-1

Lab Sample ID: 890-2795-1

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/24/22 10:24	08/24/22 23:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/24/22 10:24	08/24/22 23:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/24/22 10:24	08/24/22 23:10	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		08/24/22 10:24	08/24/22 23:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/24/22 10:24	08/24/22 23:10	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		08/24/22 10:24	08/24/22 23:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	08/24/22 10:24	08/24/22 23:10	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/24/22 10:24	08/24/22 23:10	1

## Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			08/25/22 09:42	1

## Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/24/22 17:10	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 12:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 12:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 12:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	08/24/22 08:40	08/24/22 12:50	1
o-Terphenyl	102		70 - 130	08/24/22 08:40	08/24/22 12:50	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.2		4.97		mg/Kg			08/25/22 22:41	1

Client Sample ID: H-2

Lab Sample ID: 890-2795-2

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:24	08/24/22 23:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:24	08/24/22 23:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:24	08/24/22 23:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/24/22 10:24	08/24/22 23:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:24	08/24/22 23:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/24/22 10:24	08/24/22 23:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/24/22 10:24	08/24/22 23:37	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/24/22 10:24	08/24/22 23:37	1

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Client Sample ID: H-2

Lab Sample ID: 890-2795-2

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

## Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/25/22 09:42	1

## Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/24/22 17:10	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 13:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 13:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 13:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				08/24/22 08:40	08/24/22 13:12	1
o-Terphenyl	94		70 - 130				08/24/22 08:40	08/24/22 13:12	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.3		4.95		mg/Kg			08/25/22 23:05	1

Client Sample ID: H-3

Lab Sample ID: 890-2795-3

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/24/22 10:24	08/25/22 00:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/24/22 10:24	08/25/22 00:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/24/22 10:24	08/25/22 00:02	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/24/22 10:24	08/25/22 00:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/24/22 10:24	08/25/22 00:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/24/22 10:24	08/25/22 00:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130				08/24/22 10:24	08/25/22 00:02	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/24/22 10:24	08/25/22 00:02	1

## Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/25/22 09:42	1

## Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/24/22 17:10	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/24/22 08:40	08/24/22 13:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/24/22 08:40	08/24/22 13:34	1

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## Client Sample ID: H-3

Lab Sample ID: 890-2795-3

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/24/22 08:40	08/24/22 13:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				08/24/22 08:40	08/24/22 13:34	1
o-Terphenyl	93		70 - 130				08/24/22 08:40	08/24/22 13:34	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	155		5.03		mg/Kg			08/25/22 23:12	1

## Client Sample ID: H-4

Lab Sample ID: 890-2795-4

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		08/24/22 10:17	08/25/22 03:14	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		08/24/22 10:17	08/25/22 03:14	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		08/24/22 10:17	08/25/22 03:14	1
m-Xylene & p-Xylene	<0.00402	U F1	0.00402		mg/Kg		08/24/22 10:17	08/25/22 03:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/24/22 10:17	08/25/22 03:14	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		08/24/22 10:17	08/25/22 03:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				08/24/22 10:17	08/25/22 03:14	1
1,4-Difluorobenzene (Surr)	101		70 - 130				08/24/22 10:17	08/25/22 03:14	1

## Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/25/22 09:42	1

## Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/24/22 17:10	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 13:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 13:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 13:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				08/24/22 08:40	08/24/22 13:55	1
o-Terphenyl	94		70 - 130				08/24/22 08:40	08/24/22 13:55	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.5		5.05		mg/Kg			08/25/22 23:20	1

Eurofins Carlsbad

## Client Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Client Sample ID: H-5

Lab Sample ID: 890-2795-5

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 03:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 03:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 03:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/24/22 10:17	08/25/22 03:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 03:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/24/22 10:17	08/25/22 03:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/24/22 10:17	08/25/22 03:35	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/24/22 10:17	08/25/22 03:35	1

## Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/25/22 09:42	1

## Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/24/22 17:10	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 14:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 14:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	08/24/22 08:40	08/24/22 14:17	1
o-Terphenyl	98		70 - 130	08/24/22 08:40	08/24/22 14:17	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		5.05		mg/Kg			08/25/22 23:28	1

Client Sample ID: H-6

Lab Sample ID: 890-2795-6

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		08/24/22 10:17	08/25/22 03:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		08/24/22 10:17	08/25/22 03:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		08/24/22 10:17	08/25/22 03:55	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		08/24/22 10:17	08/25/22 03:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		08/24/22 10:17	08/25/22 03:55	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		08/24/22 10:17	08/25/22 03:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/24/22 10:17	08/25/22 03:55	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/24/22 10:17	08/25/22 03:55	1

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## Client Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Client Sample ID: H-6

Lab Sample ID: 890-2795-6

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

## Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			08/25/22 09:42	1

## Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/24/22 17:10	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/24/22 08:40	08/24/22 14:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/24/22 08:40	08/24/22 14:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/24/22 08:40	08/24/22 14:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	100		70 - 130				08/24/22 08:40	08/24/22 14:38	1
o-Terphenyl	106		70 - 130				08/24/22 08:40	08/24/22 14:38	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	217		4.99		mg/Kg			08/25/22 23:52	1

Client Sample ID: S-1 (2-2.5)

Lab Sample ID: 890-2795-7

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Sample Depth: 2 - 2.5

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 04:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 04:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 04:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		08/24/22 10:17	08/25/22 04:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 04:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		08/24/22 10:17	08/25/22 04:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				08/24/22 10:17	08/25/22 04:16	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/24/22 10:17	08/25/22 04:16	1

## Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			08/25/22 09:42	1

## Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			08/24/22 17:10	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		08/24/22 08:40	08/24/22 15:00	1

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## Client Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Client Sample ID: S-1 (2-2.5)

Lab Sample ID: 890-2795-7

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Sample Depth: 2 - 2.5

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		08/24/22 08:40	08/24/22 15:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		08/24/22 08:40	08/24/22 15:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130				08/24/22 08:40	08/24/22 15:00	1
o-Terphenyl	100		70 - 130				08/24/22 08:40	08/24/22 15:00	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	311		4.99		mg/Kg			08/26/22 00:00	1

Client Sample ID: S-2 (2-2.5)

Lab Sample ID: 890-2795-8

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Sample Depth: 2 - 2.5

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		08/24/22 10:17	08/25/22 04:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		08/24/22 10:17	08/25/22 04:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		08/24/22 10:17	08/25/22 04:36	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		08/24/22 10:17	08/25/22 04:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		08/24/22 10:17	08/25/22 04:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		08/24/22 10:17	08/25/22 04:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	62	S1-	70 - 130				08/24/22 10:17	08/25/22 04:36	1
1,4-Difluorobenzene (Surr)	117		70 - 130				08/24/22 10:17	08/25/22 04:36	1

## Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			08/25/22 09:42	1

## Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			08/24/22 17:10	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 15:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 15:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 15:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130				08/24/22 08:40	08/24/22 15:21	1
o-Terphenyl	84		70 - 130				08/24/22 08:40	08/24/22 15:21	1

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## Client Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## Client Sample ID: S-2 (2-2.5)

Lab Sample ID: 890-2795-8

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Sample Depth: 2 - 2.5

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	122		5.02		mg/Kg			08/26/22 00:07	1

## Client Sample ID: S-3 (2-2.5)

Lab Sample ID: 890-2795-9

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Sample Depth: 2 - 2.5

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 04:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 04:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 04:56	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		08/24/22 10:17	08/25/22 04:56	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 04:56	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/24/22 10:17	08/25/22 04:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130				08/24/22 10:17	08/25/22 04:56	1
1,4-Difluorobenzene (Surr)	98		70 - 130				08/24/22 10:17	08/25/22 04:56	1

## Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			08/25/22 09:42	1

## Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/24/22 17:10	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/24/22 08:40	08/24/22 15:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/24/22 08:40	08/24/22 15:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/24/22 08:40	08/24/22 15:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130				08/24/22 08:40	08/24/22 15:43	1
o-Terphenyl	94		70 - 130				08/24/22 08:40	08/24/22 15:43	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	167		4.97		mg/Kg			08/26/22 00:15	1

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## Client Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Client Sample ID: S-4 (3-3.5)

Lab Sample ID: 890-2795-10

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Sample Depth: 3 - 3.5

## Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		08/24/22 10:17	08/25/22 05:17	1
Toluene	<0.00201	U	0.00201		mg/Kg		08/24/22 10:17	08/25/22 05:17	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		08/24/22 10:17	08/25/22 05:17	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		08/24/22 10:17	08/25/22 05:17	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		08/24/22 10:17	08/25/22 05:17	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		08/24/22 10:17	08/25/22 05:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	08/24/22 10:17	08/25/22 05:17	1
1,4-Difluorobenzene (Surr)	99		70 - 130	08/24/22 10:17	08/25/22 05:17	1

## Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			08/25/22 09:42	1

## Method: 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			08/24/22 17:10	1

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		08/24/22 08:40	08/24/22 16:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		08/24/22 08:40	08/24/22 16:26	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		08/24/22 08:40	08/24/22 16:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130	08/24/22 08:40	08/24/22 16:26	1
o-Terphenyl	99		70 - 130	08/24/22 08:40	08/24/22 16:26	1

## Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	209		4.96		mg/Kg			08/26/22 00:23	1

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## Surrogate Summary

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
890-2795-1	H-1	110	102
890-2795-2	H-2	107	99
890-2795-3	H-3	109	95
890-2795-4	H-4	98	101
890-2795-4 MS	H-4	105	103
890-2795-4 MSD	H-4	98	102
890-2795-5	H-5	99	99
890-2795-6	H-6	95	99
890-2795-7	S-1 (2-2.5)	97	98
890-2795-8	S-2 (2-2.5)	62 S1-	117
890-2795-9	S-3 (2-2.5)	97	98
890-2795-10	S-4 (3-3.5)	106	99
890-2802-A-1-A MS	Matrix Spike	110	103
890-2802-A-1-B MSD	Matrix Spike Duplicate	109	98
LCS 880-32833/1-A	Lab Control Sample	93	95
LCS 880-32835/1-A	Lab Control Sample	100	101
LCSD 880-32833/2-A	Lab Control Sample Dup	99	101
LCSD 880-32835/2-A	Lab Control Sample Dup	104	107
MB 880-32772/5-A	Method Blank	79	118
MB 880-32833/5-A	Method Blank	81	120
MB 880-32835/5-A	Method Blank	80	88
<b>Surrogate Legend</b>			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-2794-A-1-C MS	Matrix Spike	101	94
890-2794-A-1-D MSD	Matrix Spike Duplicate	87	83
890-2795-1	H-1	92	102
890-2795-2	H-2	90	94
890-2795-3	H-3	91	93
890-2795-4	H-4	89	94
890-2795-5	H-5	94	98
890-2795-6	H-6	100	106
890-2795-7	S-1 (2-2.5)	95	100
890-2795-8	S-2 (2-2.5)	82	84
890-2795-9	S-3 (2-2.5)	90	94
890-2795-10	S-4 (3-3.5)	93	99
LCS 880-32817/2-A	Lab Control Sample	81	97
LCSD 880-32817/3-A	Lab Control Sample Dup	78	94
MB 880-32817/1-A	Method Blank	95	102
<b>Surrogate Legend</b>			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

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QC Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-32772/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 32836							Prep Batch: 32772		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/23/22 10:42	08/24/22 14:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/23/22 10:42	08/24/22 14:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/23/22 10:42	08/24/22 14:51	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/23/22 10:42	08/24/22 14:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/23/22 10:42	08/24/22 14:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/23/22 10:42	08/24/22 14:51	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	79		70 - 130				08/23/22 10:42	08/24/22 14:51	1
1,4-Difluorobenzene (Surr)	118		70 - 130				08/23/22 10:42	08/24/22 14:51	1

Lab Sample ID: MB 880-32833/5-A							Client Sample ID: Method Blank		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 32836							Prep Batch: 32833		
Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 02:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 02:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 02:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/24/22 10:17	08/25/22 02:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:17	08/25/22 02:46	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/24/22 10:17	08/25/22 02:46	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130				08/24/22 10:17	08/25/22 02:46	1
1,4-Difluorobenzene (Surr)	120		70 - 130				08/24/22 10:17	08/25/22 02:46	1

Lab Sample ID: LCS 880-32833/1-A							Client Sample ID: Lab Control Sample		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 32836							Prep Batch: 32833		
Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	0.100	0.08613		mg/Kg		86	70 - 130		
Toluene	0.100	0.09677		mg/Kg		97	70 - 130		
Ethylbenzene	0.100	0.09345		mg/Kg		93	70 - 130		
m-Xylene & p-Xylene	0.200	0.1748		mg/Kg		87	70 - 130		
o-Xylene	0.100	0.09368		mg/Kg		94	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	93		70 - 130						
1,4-Difluorobenzene (Surr)	95		70 - 130						

Lab Sample ID: LCSD 880-32833/2-A							Client Sample ID: Lab Control Sample Dup		
Matrix: Solid							Prep Type: Total/NA		
Analysis Batch: 32836							Prep Batch: 32833		
Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09646		mg/Kg		96	70 - 130	11	35

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## QC Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-32833/2-A

Matrix: Solid

Analysis Batch: 32836

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32833

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene	0.100	0.1048		mg/Kg		105	70 - 130	8	35
Ethylbenzene	0.100	0.1015		mg/Kg		101	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1862		mg/Kg		93	70 - 130	6	35
o-Xylene	0.100	0.09933		mg/Kg		99	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 890-2795-4 MS

Matrix: Solid

Analysis Batch: 32836

Client Sample ID: H-4

Prep Type: Total/NA

Prep Batch: 32833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.09197		mg/Kg		92	70 - 130
Toluene	<0.00201	U F1	0.100	0.07107		mg/Kg		71	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.07605		mg/Kg		76	70 - 130
m-Xylene & p-Xylene	<0.00402	U F1	0.201	0.1360	F1	mg/Kg		68	70 - 130
o-Xylene	<0.00201	U	0.100	0.09272		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-2795-4 MSD

Matrix: Solid

Analysis Batch: 32836

Client Sample ID: H-4

Prep Type: Total/NA

Prep Batch: 32833

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0998	0.06774	F1	mg/Kg		68	70 - 130	30	35
Toluene	<0.00201	U F1	0.0998	0.05943	F1	mg/Kg		60	70 - 130	18	35
Ethylbenzene	<0.00201	U F1	0.0998	0.06184	F1	mg/Kg		62	70 - 130	21	35
m-Xylene & p-Xylene	<0.00402	U F1	0.200	0.1129	F1	mg/Kg		57	70 - 130	19	35
o-Xylene	<0.00201	U	0.0998	0.07382		mg/Kg		74	70 - 130	23	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-32835/5-A

Matrix: Solid

Analysis Batch: 32815

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32835

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:24	08/24/22 13:56	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:24	08/24/22 13:56	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:24	08/24/22 13:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		08/24/22 10:24	08/24/22 13:56	1

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## QC Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-32835/5-A

Matrix: Solid

Analysis Batch: 32815

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32835

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/24/22 10:24	08/24/22 13:56	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/24/22 10:24	08/24/22 13:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130	08/24/22 10:24	08/24/22 13:56	1
1,4-Difluorobenzene (Surr)	88		70 - 130	08/24/22 10:24	08/24/22 13:56	1

Lab Sample ID: LCS 880-32835/1-A

Matrix: Solid

Analysis Batch: 32815

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32835

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09463		mg/Kg		95	70 - 130
Toluene	0.100	0.09936		mg/Kg		99	70 - 130
Ethylbenzene	0.100	0.09277		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1944		mg/Kg		97	70 - 130
o-Xylene	0.100	0.1080		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-32835/2-A

Matrix: Solid

Analysis Batch: 32815

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32835

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1047		mg/Kg		105	70 - 130	10	35
Toluene	0.100	0.1049		mg/Kg		105	70 - 130	5	35
Ethylbenzene	0.100	0.1031		mg/Kg		103	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.2127		mg/Kg		106	70 - 130	9	35
o-Xylene	0.100	0.1178		mg/Kg		118	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 890-2802-A-1-A MS

Matrix: Solid

Analysis Batch: 32815

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32835

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09061		mg/Kg		90	70 - 130
Toluene	<0.00201	U	0.100	0.09967		mg/Kg		99	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.09369		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1929		mg/Kg		96	70 - 130
o-Xylene	<0.00201	U	0.100	0.1046		mg/Kg		104	70 - 130

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## QC Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-2802-A-1-A MS

Matrix: Solid

Analysis Batch: 32815

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32835

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 890-2802-A-1-B MSD

Matrix: Solid

Analysis Batch: 32815

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32835

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.08856		mg/Kg		89	70 - 130	2	35
Toluene	<0.00201	U	0.0990	0.09614		mg/Kg		97	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.0990	0.09122		mg/Kg		92	70 - 130	3	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1855		mg/Kg		94	70 - 130	4	35
o-Xylene	<0.00201	U	0.0990	0.1006		mg/Kg		102	70 - 130	4	35

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

## Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-32817/1-A

Matrix: Solid

Analysis Batch: 32810

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 32817

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 10:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 10:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		08/24/22 08:40	08/24/22 10:43	1

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	95		70 - 130	08/24/22 08:40	08/24/22 10:43	1			
o-Terphenyl	102		70 - 130	08/24/22 08:40	08/24/22 10:43	1			

Lab Sample ID: LCS 880-32817/2-A

Matrix: Solid

Analysis Batch: 32810

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 32817

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	979.2		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	786.3		mg/Kg		79	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	81		70 - 130
o-Terphenyl	97		70 - 130

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## QC Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-32817/3-A

Matrix: Solid

Analysis Batch: 32810

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 32817

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	930.0		mg/Kg		93	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	765.3		mg/Kg		77	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	78		70 - 130						
o-Terphenyl	94		70 - 130						

Lab Sample ID: 890-2794-A-1-C MS

Matrix: Solid

Analysis Batch: 32810

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 32817

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1138		mg/Kg		114	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	853.2		mg/Kg		85	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	94		70 - 130								

Lab Sample ID: 890-2794-A-1-D MSD

Matrix: Solid

Analysis Batch: 32810

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 32817

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	956.7		mg/Kg		96	70 - 130	17	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	760.2		mg/Kg		76	70 - 130	12	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	83		70 - 130								

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-32747/1-A

Matrix: Solid

Analysis Batch: 32945

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			08/25/22 22:17	1

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QC Sample Results

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-32747/2-A				Client Sample ID: Lab Control Sample							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 32945											
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	235.0		mg/Kg		94	90 - 110		

Lab Sample ID: LCSD 880-32747/3-A				Client Sample ID: Lab Control Sample Dup							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 32945											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	239.3		mg/Kg		96	90 - 110	2	20

Lab Sample ID: 890-2795-1 MS				Client Sample ID: H-1							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 32945											
Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	24.2		249	272.8		mg/Kg		100	90 - 110		

Lab Sample ID: 890-2795-1 MSD				Client Sample ID: H-1							
Matrix: Solid				Prep Type: Soluble							
Analysis Batch: 32945											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	24.2		249	275.0		mg/Kg		101	90 - 110	1	20

## QC Association Summary

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## GC VOA

## Prep Batch: 32772

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-32772/5-A	Method Blank	Total/NA	Solid	5035	

## Analysis Batch: 32815

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2795-1	H-1	Total/NA	Solid	8021B	32835
890-2795-2	H-2	Total/NA	Solid	8021B	32835
890-2795-3	H-3	Total/NA	Solid	8021B	32835
MB 880-32835/5-A	Method Blank	Total/NA	Solid	8021B	32835
LCS 880-32835/1-A	Lab Control Sample	Total/NA	Solid	8021B	32835
LCSD 880-32835/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32835
890-2802-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	32835
890-2802-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	32835

## Prep Batch: 32833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2795-4	H-4	Total/NA	Solid	5035	
890-2795-5	H-5	Total/NA	Solid	5035	
890-2795-6	H-6	Total/NA	Solid	5035	
890-2795-7	S-1 (2-2.5)	Total/NA	Solid	5035	
890-2795-8	S-2 (2-2.5)	Total/NA	Solid	5035	
890-2795-9	S-3 (2-2.5)	Total/NA	Solid	5035	
890-2795-10	S-4 (3-3.5)	Total/NA	Solid	5035	
MB 880-32833/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32833/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32833/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2795-4 MS	H-4	Total/NA	Solid	5035	
890-2795-4 MSD	H-4	Total/NA	Solid	5035	

## Prep Batch: 32835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2795-1	H-1	Total/NA	Solid	5035	
890-2795-2	H-2	Total/NA	Solid	5035	
890-2795-3	H-3	Total/NA	Solid	5035	
MB 880-32835/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-32835/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-32835/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-2802-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-2802-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

## Analysis Batch: 32836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2795-4	H-4	Total/NA	Solid	8021B	32833
890-2795-5	H-5	Total/NA	Solid	8021B	32833
890-2795-6	H-6	Total/NA	Solid	8021B	32833
890-2795-7	S-1 (2-2.5)	Total/NA	Solid	8021B	32833
890-2795-8	S-2 (2-2.5)	Total/NA	Solid	8021B	32833
890-2795-9	S-3 (2-2.5)	Total/NA	Solid	8021B	32833
890-2795-10	S-4 (3-3.5)	Total/NA	Solid	8021B	32833
MB 880-32772/5-A	Method Blank	Total/NA	Solid	8021B	32772
MB 880-32833/5-A	Method Blank	Total/NA	Solid	8021B	32833
LCS 880-32833/1-A	Lab Control Sample	Total/NA	Solid	8021B	32833

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## QC Association Summary

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## GC VOA (Continued)

## Analysis Batch: 32836 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-32833/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	32833
890-2795-4 MS	H-4	Total/NA	Solid	8021B	32833
890-2795-4 MSD	H-4	Total/NA	Solid	8021B	32833

## Analysis Batch: 32916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2795-1	H-1	Total/NA	Solid	Total BTEX	
890-2795-2	H-2	Total/NA	Solid	Total BTEX	
890-2795-3	H-3	Total/NA	Solid	Total BTEX	
890-2795-4	H-4	Total/NA	Solid	Total BTEX	
890-2795-5	H-5	Total/NA	Solid	Total BTEX	
890-2795-6	H-6	Total/NA	Solid	Total BTEX	
890-2795-7	S-1 (2-2.5)	Total/NA	Solid	Total BTEX	
890-2795-8	S-2 (2-2.5)	Total/NA	Solid	Total BTEX	
890-2795-9	S-3 (2-2.5)	Total/NA	Solid	Total BTEX	
890-2795-10	S-4 (3-3.5)	Total/NA	Solid	Total BTEX	

## GC Semi VOA

## Analysis Batch: 32810

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2795-1	H-1	Total/NA	Solid	8015B NM	32817
890-2795-2	H-2	Total/NA	Solid	8015B NM	32817
890-2795-3	H-3	Total/NA	Solid	8015B NM	32817
890-2795-4	H-4	Total/NA	Solid	8015B NM	32817
890-2795-5	H-5	Total/NA	Solid	8015B NM	32817
890-2795-6	H-6	Total/NA	Solid	8015B NM	32817
890-2795-7	S-1 (2-2.5)	Total/NA	Solid	8015B NM	32817
890-2795-8	S-2 (2-2.5)	Total/NA	Solid	8015B NM	32817
890-2795-9	S-3 (2-2.5)	Total/NA	Solid	8015B NM	32817
890-2795-10	S-4 (3-3.5)	Total/NA	Solid	8015B NM	32817
MB 880-32817/1-A	Method Blank	Total/NA	Solid	8015B NM	32817
LCS 880-32817/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	32817
LCSD 880-32817/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	32817
890-2794-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	32817
890-2794-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	32817

## Prep Batch: 32817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2795-1	H-1	Total/NA	Solid	8015NM Prep	
890-2795-2	H-2	Total/NA	Solid	8015NM Prep	
890-2795-3	H-3	Total/NA	Solid	8015NM Prep	
890-2795-4	H-4	Total/NA	Solid	8015NM Prep	
890-2795-5	H-5	Total/NA	Solid	8015NM Prep	
890-2795-6	H-6	Total/NA	Solid	8015NM Prep	
890-2795-7	S-1 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-2795-8	S-2 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-2795-9	S-3 (2-2.5)	Total/NA	Solid	8015NM Prep	
890-2795-10	S-4 (3-3.5)	Total/NA	Solid	8015NM Prep	
MB 880-32817/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-32817/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

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## QC Association Summary

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## GC Semi VOA (Continued)

## Prep Batch: 32817 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-32817/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-2794-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-2794-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

## Analysis Batch: 32871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2795-1	H-1	Total/NA	Solid	8015 NM	
890-2795-2	H-2	Total/NA	Solid	8015 NM	
890-2795-3	H-3	Total/NA	Solid	8015 NM	
890-2795-4	H-4	Total/NA	Solid	8015 NM	
890-2795-5	H-5	Total/NA	Solid	8015 NM	
890-2795-6	H-6	Total/NA	Solid	8015 NM	
890-2795-7	S-1 (2-2.5)	Total/NA	Solid	8015 NM	
890-2795-8	S-2 (2-2.5)	Total/NA	Solid	8015 NM	
890-2795-9	S-3 (2-2.5)	Total/NA	Solid	8015 NM	
890-2795-10	S-4 (3-3.5)	Total/NA	Solid	8015 NM	

## HPLC/IC

## Leach Batch: 32747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2795-1	H-1	Soluble	Solid	DI Leach	
890-2795-2	H-2	Soluble	Solid	DI Leach	
890-2795-3	H-3	Soluble	Solid	DI Leach	
890-2795-4	H-4	Soluble	Solid	DI Leach	
890-2795-5	H-5	Soluble	Solid	DI Leach	
890-2795-6	H-6	Soluble	Solid	DI Leach	
890-2795-7	S-1 (2-2.5)	Soluble	Solid	DI Leach	
890-2795-8	S-2 (2-2.5)	Soluble	Solid	DI Leach	
890-2795-9	S-3 (2-2.5)	Soluble	Solid	DI Leach	
890-2795-10	S-4 (3-3.5)	Soluble	Solid	DI Leach	
MB 880-32747/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-32747/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-32747/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-2795-1 MS	H-1	Soluble	Solid	DI Leach	
890-2795-1 MSD	H-1	Soluble	Solid	DI Leach	

## Analysis Batch: 32945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-2795-1	H-1	Soluble	Solid	300.0	32747
890-2795-2	H-2	Soluble	Solid	300.0	32747
890-2795-3	H-3	Soluble	Solid	300.0	32747
890-2795-4	H-4	Soluble	Solid	300.0	32747
890-2795-5	H-5	Soluble	Solid	300.0	32747
890-2795-6	H-6	Soluble	Solid	300.0	32747
890-2795-7	S-1 (2-2.5)	Soluble	Solid	300.0	32747
890-2795-8	S-2 (2-2.5)	Soluble	Solid	300.0	32747
890-2795-9	S-3 (2-2.5)	Soluble	Solid	300.0	32747
890-2795-10	S-4 (3-3.5)	Soluble	Solid	300.0	32747
MB 880-32747/1-A	Method Blank	Soluble	Solid	300.0	32747
LCS 880-32747/2-A	Lab Control Sample	Soluble	Solid	300.0	32747

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QC Association Summary

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

HPLC/IC (Continued)

Analysis Batch: 32945 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-32747/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	32747
890-2795-1 MS	H-1	Soluble	Solid	300.0	32747
890-2795-1 MSD	H-1	Soluble	Solid	300.0	32747

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## Lab Chronicle

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## Client Sample ID: H-1

## Lab Sample ID: 890-2795-1

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	32835	08/24/22 10:24	MR	EET MID
Total/NA	Analysis	8021B		1			32815	08/24/22 23:10	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32916	08/25/22 09:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32871	08/24/22 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32817	08/24/22 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1			32810	08/24/22 12:50	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32747	08/23/22 09:13	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32945	08/25/22 22:41	SMC	EET MID

## Client Sample ID: H-2

## Lab Sample ID: 890-2795-2

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32835	08/24/22 10:24	MR	EET MID
Total/NA	Analysis	8021B		1			32815	08/24/22 23:37	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32916	08/25/22 09:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32871	08/24/22 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32817	08/24/22 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1			32810	08/24/22 13:12	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	32747	08/23/22 09:13	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32945	08/25/22 23:05	SMC	EET MID

## Client Sample ID: H-3

## Lab Sample ID: 890-2795-3

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32835	08/24/22 10:24	MR	EET MID
Total/NA	Analysis	8021B		1			32815	08/25/22 00:02	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32916	08/25/22 09:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32871	08/24/22 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32817	08/24/22 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1			32810	08/24/22 13:34	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	32747	08/23/22 10:21	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32945	08/25/22 23:12	SMC	EET MID

## Client Sample ID: H-4

## Lab Sample ID: 890-2795-4

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	32833	08/24/22 10:17	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32836	08/25/22 03:14	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32916	08/25/22 09:42	SM	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## Client Sample ID: H-4

Lab Sample ID: 890-2795-4

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			32871	08/24/22 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	32817	08/24/22 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1			32810	08/24/22 13:55	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32747	08/23/22 10:49	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32945	08/25/22 23:20	SMC	EET MID

## Client Sample ID: H-5

Lab Sample ID: 890-2795-5

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32833	08/24/22 10:17	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32836	08/25/22 03:35	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32916	08/25/22 09:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32871	08/24/22 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32817	08/24/22 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1			32810	08/24/22 14:17	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	32747	08/23/22 10:49	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32945	08/25/22 23:28	SMC	EET MID

## Client Sample ID: H-6

Lab Sample ID: 890-2795-6

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	32833	08/24/22 10:17	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32836	08/25/22 03:55	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32916	08/25/22 09:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32871	08/24/22 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32817	08/24/22 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1			32810	08/24/22 14:38	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	32747	08/23/22 10:49	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32945	08/25/22 23:52	SMC	EET MID

## Client Sample ID: S-1 (2-2.5)

Lab Sample ID: 890-2795-7

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	32833	08/24/22 10:17	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32836	08/25/22 04:16	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32916	08/25/22 09:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32871	08/24/22 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	32817	08/24/22 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1			32810	08/24/22 15:00	SM	EET MID

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## Lab Chronicle

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

## Client Sample ID: S-1 (2-2.5)

## Lab Sample ID: 890-2795-7

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	32747	08/23/22 10:49	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32945	08/26/22 00:00	SMC	EET MID

## Client Sample ID: S-2 (2-2.5)

## Lab Sample ID: 890-2795-8

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	32833	08/24/22 10:17	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32836	08/25/22 04:36	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32916	08/25/22 09:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32871	08/24/22 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	32817	08/24/22 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1			32810	08/24/22 15:21	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	32747	08/23/22 10:49	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32945	08/26/22 00:07	SMC	EET MID

## Client Sample ID: S-3 (2-2.5)

## Lab Sample ID: 890-2795-9

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	32833	08/24/22 10:17	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32836	08/25/22 04:56	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32916	08/25/22 09:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32871	08/24/22 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	32817	08/24/22 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1			32810	08/24/22 15:43	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	32747	08/23/22 10:49	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32945	08/26/22 00:15	SMC	EET MID

## Client Sample ID: S-4 (3-3.5)

## Lab Sample ID: 890-2795-10

Date Collected: 08/22/22 00:00

Matrix: Solid

Date Received: 08/22/22 16:29

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	32833	08/24/22 10:17	MR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	32836	08/25/22 05:17	MR	EET MID
Total/NA	Analysis	Total BTEX		1			32916	08/25/22 09:42	SM	EET MID
Total/NA	Analysis	8015 NM		1			32871	08/24/22 17:10	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	32817	08/24/22 08:40	DM	EET MID
Total/NA	Analysis	8015B NM		1			32810	08/24/22 16:26	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	32747	08/23/22 10:49	KS	EET MID
Soluble	Analysis	300.0		1	0 mL	0 mL	32945	08/26/22 00:23	SMC	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

**Laboratory References:**  
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-22-24	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

## Method Summary

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

**Protocol References:**

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

**Laboratory References:**

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

## Sample Summary

Client: NT Global  
Project/Site: Mean Green 27 Fed 1

Job ID: 890-2795-1  
SDG: Lea Co

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-2795-1	H-1	Solid	08/22/22 00:00	08/22/22 16:29	
890-2795-2	H-2	Solid	08/22/22 00:00	08/22/22 16:29	
890-2795-3	H-3	Solid	08/22/22 00:00	08/22/22 16:29	
890-2795-4	H-4	Solid	08/22/22 00:00	08/22/22 16:29	
890-2795-5	H-5	Solid	08/22/22 00:00	08/22/22 16:29	
890-2795-6	H-6	Solid	08/22/22 00:00	08/22/22 16:29	
890-2795-7	S-1 (2-2.5)	Solid	08/22/22 00:00	08/22/22 16:29	2 - 2.5
890-2795-8	S-2 (2-2.5)	Solid	08/22/22 00:00	08/22/22 16:29	2 - 2.5
890-2795-9	S-3 (2-2.5)	Solid	08/22/22 00:00	08/22/22 16:29	2 - 2.5
890-2795-10	S-4 (3-3.5)	Solid	08/22/22 00:00	08/22/22 16:29	3 - 3.5



Chain of Custody

Work Order No: \_\_\_\_\_

Page 1 of 1

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	402 E Wood Ave	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	254-266-5456	Email:	Wesley.Mathews@dvn.com

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

Project Name:	Mean Green 27 Fed 1	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	226070	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO	DI Water: H <sub>2</sub> O		
Project Location:	Lea Co.	Due Date:	48HR													Cool: Cool	MeOH: Me		
Sampler's Name:	Jordan Tyner	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO <sub>3</sub> : HN		
PO #:	21059887															H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	NM-007													NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:	-0.2													Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	23.0													Zn Acetate+NaOH: Zn			
Total Containers:	10	Corrected Temperature:	22.8													NaOH+Ascorbic Acid: SAPC			

Sample Identification	Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH													Sample Comments
H-1	8/22/2022		X		Grab/	1	X	X	X											
H-2	8/22/2022		X		Grab/	1	X	X	X											
H-3	8/22/2022		X		Grab/	1	X	X	X											
H-4	8/22/2022		X		Grab/	1	X	X	X											
H-5	8/22/2022		X		Grab/	1	X	X	X											
H-6	8/22/2022		X		Grab/	1	X	X	X											
S-1(2-2.5)	8/22/2022		X		Grab/	1	X	X	X											
S-2(2-2.5)	8/22/2022		X		Grab/	1	X	X	X											
S-3(2-2.5)	8/22/2022		X		Grab/	1	X	X	X											
S-4(3-3.5)	8/22/2022		X		Grab/	1	X	X	X											

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	2 <i>[Signature]</i>	8:22:22 16:29	3 <i>[Signature]</i>	4 <i>[Signature]</i>	
5			6		

## Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2795-1

SDG Number: Lea Co

Login Number: 2795

List Number: 1

Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

## Login Sample Receipt Checklist

Client: NT Global

Job Number: 890-2795-1

SDG Number: Lea Co

Login Number: 2795

List Number: 2

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

List Creation: 08/24/22 10:49 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	



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

August 28, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MEAN GREEN 27 FEDERAL #002H

Enclosed are the results of analyses for samples received by the laboratory on 08/24/23 14:50.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 1 (H234612-01)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTX	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 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	1200	16.0	08/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 99.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 2 (H234612-02)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84		
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26		
Total BTX	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1810	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 98.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 3 (H234612-03)**

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	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 4 (H234612-04)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	2840	16.0	08/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 5 (H234612-05)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTX	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1840	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 95.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 6 (H234612-06)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTX	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2800	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 88.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 7 (H234612-07)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTX	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	08/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 8 (H234612-08)**

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	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1710	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 9 (H234612-09)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 10 (H234612-10)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6480	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 11 (H234612-11)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1720	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 12 (H234612-12)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	08/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 13 (H234612-13)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2610	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 14 (H234612-14)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTX	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3240	16.0	08/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 15 (H234612-15)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	08/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 16 (H234612-16)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 92.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 17 (H234612-17)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	2280	16.0	08/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 18 (H234612-18)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 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	2080	16.0	08/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 19 (H234612-19)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 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	2480	16.0	08/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 20 (H234612-20)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	2.19	109	2.00	4.84	
Toluene*	<0.050	0.050	08/25/2023	ND	2.23	111	2.00	5.09	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.17	108	2.00	4.51	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.55	109	6.00	4.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	08/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	174	87.1	200	3.42	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	171	85.3	200	6.55	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 21 (H234612-21)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44	QR-03	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955	QR-03	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12	QR-03	
Total BTX	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 22 (H234612-22)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 23 (H234612-23)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53	
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12	
Total BTX	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 24 (H234612-24)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	1920	16.0	08/25/2023	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 25 (H234612-25)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1760	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 26 (H234612-26)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTX	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 27 (H234612-27)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53	
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12	
Total BTX	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2640	16.0	08/25/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 28 (H234612-28)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTX	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	08/25/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 29 (H234612-29)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53	
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12	
Total BTX	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	08/25/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 30 (H234612-30)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTX	<0.300	0.300	08/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2040	16.0	08/25/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 31 (H234612-31)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	1960	16.0	08/25/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 32 (H234612-32)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	08/25/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 33 (H234612-33)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTEX	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	1840	16.0	08/25/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 34 (H234612-34)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTX	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2200	16.0	08/25/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 35 (H234612-35)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	08/25/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 36 (H234612-36)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTEX	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	2280	16.0	08/25/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 37 (H234612-37)**

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53	
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12	
Total BTX	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	08/25/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 38 (H234612-38)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53	
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	08/25/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 39 (H234612-39)**

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTX	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	08/25/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 40 (H234612-40)**

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.91	95.3	2.00	2.53		
Toluene*	<0.050	0.050	08/25/2023	ND	1.90	94.9	2.00	2.44		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.00	100	2.00	0.955		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.91	98.6	6.00	3.12		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	08/25/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	179	89.5	200	3.67	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	198	99.2	200	4.24	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 41 (H234612-41)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43	
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1920	16.0	08/25/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 42 (H234612-42)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43		
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	1840	16.0	08/25/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 43 (H234612-43)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43		
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	2080	16.0	08/25/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 94.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 44 (H234612-44)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43	
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	08/25/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 45 (H234612-45)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43		
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26		
Total BTEx	<0.300	0.300	08/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2360	16.0	08/25/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 46 (H234612-46)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43		
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1880	16.0	08/25/2023	ND	448	112	400	3.64	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 47 (H234612-47)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43		
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26		
Total BTEx	<0.300	0.300	08/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 95.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 48 (H234612-48)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43		
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1630	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 49 (H234612-49)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43	
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 93.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 50 (H234612-50)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43	
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2960	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 51 (H234612-51)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43	
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3320	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 91.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 52 (H234612-52)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43		
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2920	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 53 (H234612-53)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43	
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4400	16.0	08/25/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 54 (H234612-54)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43		
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26		
Total BTEx	<0.300	0.300	08/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	5040	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 55 (H234612-55)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43		
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26		
Total BTEx	<0.300	0.300	08/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3280	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.0 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 56 (H234612-56)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43	
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 138 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 57 (H234612-57)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43	
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5360	16.0	08/25/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 58 (H234612-58)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43		
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3600	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 99.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 59 (H234612-59)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43	
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3720	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 88.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 60 (H234612-60)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.96	98.1	2.00	5.43	
Toluene*	<0.050	0.050	08/25/2023	ND	2.28	114	2.00	8.91	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	2.33	116	2.00	9.05	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	6.88	115	6.00	8.26	
Total BTEx	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3320	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2023	ND	186	93.0	200	3.85	
DRO >C10-C28*	<10.0	10.0	08/26/2023	ND	192	95.9	200	2.23	
EXT DRO >C28-C36	<10.0	10.0	08/26/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 61 (H234612-61)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTX	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	08/25/2023	ND	448	112	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 62 (H234612-62)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTEX	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4880	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 71.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 63 (H234612-63)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTX	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4000	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 64 (H234612-64)**

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.6	2.00	0.131		
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33		
Total BTEX	<0.300	0.300	08/25/2023	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	4000	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 65 (H234612-65)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTX	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3520	16.0	08/25/2023	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 66 (H234612-66)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.6	2.00	0.131		
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33		
Total BTX	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3920	16.0	08/25/2023	ND	416	104	400	3.77	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 93.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 1 (H234612-67)**

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	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTEx	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 2 (H234612-68)**

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	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTEx	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 3 (H234612-69)**

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	08/25/2023	ND	1.89	94.6	2.00	0.131		
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33		
Total BTEx	<0.300	0.300	08/25/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 4 (H234612-70)**

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	08/25/2023	ND	1.89	94.6	2.00	0.131		
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33		
Total BTEX	<0.300	0.300	08/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 5 (H234612-71)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTX	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 85.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 6 (H234612-72)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTX	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 7 (H234612-73)**

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	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTEX	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 8 (H234612-74)**

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	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTEx	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 49.1-148

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

**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 9 (H234612-75)**

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	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTEX	<0.300	0.300	08/25/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 10 (H234612-76)**

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	08/25/2023	ND	1.89	94.6	2.00	0.131		
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33		
Total BTEX	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	208	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 11 (H234612-77)**

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	08/25/2023	ND	1.89	94.6	2.00	0.131		
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33		
Total BTEX	<0.300	0.300	08/25/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 80.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 12 (H234612-78)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.6	2.00	0.131		
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33		
Total BTX	<0.300	0.300	08/25/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 13 (H234612-79)**

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/25/2023	ND	1.89	94.6	2.00	0.131	
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49	
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503	
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33	
Total BTX	<0.300	0.300	08/25/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/24/2023  
 Reported: 08/28/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 08/23/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 14 (H234612-80)**

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	08/25/2023	ND	1.89	94.6	2.00	0.131		
Toluene*	<0.050	0.050	08/25/2023	ND	1.89	94.5	2.00	1.49		
Ethylbenzene*	<0.050	0.050	08/25/2023	ND	1.97	98.7	2.00	0.503		
Total Xylenes*	<0.150	0.150	08/25/2023	ND	5.87	97.9	6.00	1.33		
Total BTEx	<0.300	0.300	08/25/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	08/28/2023	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	08/25/2023	ND	185	92.7	200	2.47	
DRO >C10-C28*	<10.0	10.0	08/25/2023	ND	195	97.7	200	0.669	
EXT DRO >C28-C36	<10.0	10.0	08/25/2023	ND					

Surrogate: 1-Chlorooctane 76.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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### Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

---

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H234612

Page 1 of 8

Project Manager:	Ethan Sessums	Bill To: (if different)	Wesley Matthews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Matthews@devon.com

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

Project Name:	Mean Green 27 Federal #002H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	226070	Due Date:	4/5 hr		
Project Location:	Lee Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Ethan Sessums				
PO #	21059887				
SAMPLE RECEIPT					
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Total Containers:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.0		
		Corrected Temperature:			
Sample Identification	Date	Time	Soil	Water	Grab/Comp
CS-1	8/23/2023		X		Comp 1
CS-2	8/23/2023		X		Comp 1
CS-3	8/23/2023		X		Comp 1
CS-4	8/23/2023		X		Comp 1
CS-5	8/23/2023		X		Comp 1
CS-6	8/23/2023		X		Comp 1
CS-7	8/23/2023		X		Comp 1
CS-8	8/23/2023		X		Comp 1
CS-9	8/23/2023		X		Comp 1
CS-10	8/23/2023		X		Comp 1
ANALYSIS REQUEST					
BTX 8021B					
TPH 8015M ( GRO + DRO + MRO )					
Chloride 4500					
HOLD					
Preservative Codes					
None, NO					
DI Water, H <sub>2</sub> O					
Cool, Cool					
MeOH, Me					
HCL, HC					
HNO <sub>3</sub> , HN					
H <sub>2</sub> SO <sub>4</sub> , H <sub>2</sub>					
NaOH, Na					
H <sub>3</sub> PO <sub>4</sub> , HP					
NaHSO <sub>4</sub> , NABIS					
Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> , NaSO <sub>3</sub>					
Zn Acetate+NaOH, Zn					
NaOH+Ascorbic Acid, SAPC					
Sample Comments					

Additional Comments:

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

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



Chain of Custody

Work Order No: H234612

Page 2 of 8

Project Manager	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name	NTG Environmental	Company Name	Devon Energy
Address	209 W McKay St	Address	6488 Seven Rivers Highway
City, State ZIP	Carlsbad, NM 88220	City, State ZIP	Artesia, NM 88210
Phone	(432) 701-2159	Email	Wesley Mathews@devn.com

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

Project Name	Mean Green 27 Federal #002H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number	226070	Due Date	14th															None: NO	DI Water: H <sub>2</sub> O
Project Location	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool	MeOH: Me
Sampler's Name	Ethan Sessums																	HCL: HC	HNO <sub>3</sub> : HN
PO #	21059887																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140													NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	4.00													Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:														Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC			

Sample Identification		Date	Time	Soil	Water	Grab/ Comp	# of Cont	TPH										Sample Comments
CS-11		8/23/2023		X		Comp	1	X	X	X								
CS-12		8/23/2023		X		Comp	1	X	X	X	X							
CS-13		8/23/2023		X		Comp	1	X	X	X	X							
CS-14		8/23/2023		X		Comp	1	X	X	X	X							
CS-15		8/23/2023		X		Comp	1	X	X	X	X							
CS-16		8/23/2023		X		Comp	1	X	X	X	X							
CS-17		8/23/2023		X		Comp	1	X	X	X	X							
CS-18		8/23/2023		X		Comp	1	X	X	X	X							
CS-19		8/23/2023		X		Comp	1	X	X	X	X							
CS-20		8/23/2023		X		Comp	1	X	X	X	X							

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<i>[Signature]</i>	<i>[Signature]</i>	8/24/23 1450			



Chain of Custody

Work Order No: H234612

Page 3 of 8

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Mathews@devon.com

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

Project Name:	Mean Green 27 Federal #002H	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:	226070	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO	DI Water: H <sub>2</sub> O		
Project Location:	Lea Co. NM	Due Date:														Cool: Cool	MeOH: Me		
Sampler's Name:	Ethan Sessums	TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO <sub>3</sub> : HN		
PO #	21059887	Sym 40														H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:													H <sub>3</sub> PO <sub>4</sub> : HP			
Received In tact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:														Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.0°C													Zn Acetate+NaOH: Zn			
Total Containers:		Corrected Temperature:														NaOH+Ascorbic Acid: SARC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-21	8/23/2023		X		Comp	1	X	X	X										
CS-22	8/23/2023		X		Comp	1	X	X	X										
CS-23	8/23/2023		X		Comp	1	X	X	X										
CS-24	8/23/2023		X		Comp	1	X	X	X										
CS-25	8/23/2023		X		Comp	1	X	X	X										
CS-26	8/23/2023		X		Comp	1	X	X	X										
CS-27	8/23/2023		X		Comp	1	X	X	X										
CS-28	8/23/2023		X		Comp	1	X	X	X										
CS-29	8/23/2023		X		Comp	1	X	X	X										
CS-30	8/23/2023		X		Comp	1	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	8/24/23 140			



Chain of Custody

Work Order No: H234612

Page 4 of 8

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Mathews@devon.com

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

Project Name:	Mean Green 27 Federal #002H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number:	226070	Due Date:	4/8/24														None: NO DI Water: H <sub>2</sub> O		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm													Cool: Cool MeOH: Me				
Sampler's Name:	Ethan Sessums														HCL: HC HNO <sub>3</sub> : HN				
PO #:	21059887														H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>				
SAMPLE RECEIPT	Temp Blank:	Yes	No	Wet Ice:	Yes	No	Parameters												H <sub>3</sub> PO <sub>4</sub> : HP
Received Intact:	Yes	No	Thermometer ID:	140	BTEX 8021B												NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes	No	Correction Factor:	4.0:	TPH 8015M ( GRO + DRO + MRO)												Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>		
Sample Custody Seals:	Yes	No	Temperature Reading:	4.0:	Chloride 4500												Zn Acetate+NaOH: Zn		
Total Containers:	Yes	No	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC		

Sample Identification							Date	Time	Soil	Water	Grab/Comp	# of Cont	TP												Sample Comments																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
CS-31							8/23/2023		X		Comp	1	X	X	X																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				</

Additional Comments:

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		8/24/23 1450			



## Chain of Custody

Work Order No.:

H234612

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Project Manager	Ethan Seessums	Bill to: (if different)	Wesley Mathews
Company Name	NTG Environmental	Company Name	Devon Energy
Address	209 W McKay St	Address	6488 Seven Rivers Highway
City, State ZIP	Carlsbad, NM 88220	City, State ZIP	Artesia, NM 88210
Phone	(432) 701-2159	Email	Wesley Mathews@devon.com

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

Project Name	Mean Green 27 Federal #002H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes		
Project Number	226070	Due Date:	48hr														None NO DI Water: H <sub>2</sub> O		
Project Location	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool MeOH: Me		
Sampler's Name	Ethan Seessums																HCL: HC HNO <sub>3</sub> : HN		
PO #	21059887																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>													H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	1410															NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:	4.0															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.0															Zn Acetate+NaOH: Zn	
Total Containers		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-41	8/23/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-42	8/23/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-43	8/23/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-44	8/23/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-45	8/23/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-46	8/23/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-47	8/23/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-48	8/23/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-49	8/23/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			
CS-50	8/23/2023		X		Comp	1	X	X	X	X	X	X	X	X	X	X			

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		8/24/23 1450			



Chain of Custody

Work Order No: A234612

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Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Mathews@devon.com

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

Project Name:	Mean Green 27 Federal #002H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	226070	Due Date:	48 hr		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sampler's Name:	Ethan Sessums				
PO #	21059887				
SAMPLE RECEIPT	Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:			
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.02		
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
CS-51	8/23/2023		X		Comp	1	BTEX 8021B		
CS-52	8/23/2023		X		Comp	1	TPH 8015M ( GRO + DRO + MRO)		
CS-53	8/23/2023		X		Comp	1	Chloride 4500		
CS-54	8/23/2023		X		Comp	1			
CS-55	8/23/2023		X		Comp	1			
CS-56	8/23/2023		X		Comp	1			
CS-57	8/23/2023		X		Comp	1			
CS-58	8/23/2023		X		Comp	1			
CS-59	8/23/2023		X		Comp	1			
CS-60	8/23/2023		X		Comp	1			

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		8/24/23 1450			



Chain of Custody

Work Order No: H234612

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Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Mathews@devn.com

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

Project Name:	Mean Green 27 Federal #002H	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes				
Project Number:	226070	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO Cool: Cool HCL: HC H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> H <sub>3</sub> PO <sub>4</sub> : HP NaHSO <sub>4</sub> : NABIS Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub> Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC				
Project Location:	Lea Co. NM	Due Date:	TAT starts the day received by the lab, if received by 4:30pm													DI Water: H <sub>2</sub> O MeOH: Me HNO <sub>3</sub> : HN NaOH: Na				
Sampler's Name:	Ethan Sessums																			
PO #	21059887	Smith																		
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters														
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:				BTEX 8021B														
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:				TPH 8015M ( GRO + DRO + MRO)														
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	4.0			Chloride 4500														
Total Containers:		Corrected Temperature:																		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-61		8/23/2023		X		Comp	1	X	X	X										
CS-62		8/23/2023		X		Comp	1	X	X	X										
CS-63		8/23/2023		X		Comp	1	X	X	X										
CS-64		8/23/2023		X		Comp	1	X	X	X										
CS-65		8/23/2023		X		Comp	1	X	X	X										
CS-66		8/23/2023		X		Comp	1	X	X	X										
SW-1		8/23/2023		X		Comp	1	X	X	X										
SW-2		8/23/2023		X		Comp	1	X	X	X										
SW-3		8/23/2023		X		Comp	1	X	X	X										
SW-4		8/23/2023		X		Comp	1	X	X	X										

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
	<u>Spedreigney</u>	<u>8/24/23 1450</u>			



Chain of Custody

Work Order No: H234613

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Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Mathews@devon.com

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

Project Name:	Mean Green 27 Federal #002H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	
Project Number:	226070	Due Date:	4/8/24		
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm			
Sample's Name:	Ethan Sessums				
PO #:	21059687				
SAMPLE RECEIPT		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Received Inlet:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Thermometer ID:	140		
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Correction Factor:			
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading:	4.0		
Total Containers:		Corrected Temperature:			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes
SW-5	8/23/2023		X		Comp	1	BTEX 8021B	None: NO
SW-6	8/23/2023		X		Comp	1	TPH 8015M ( GRO + DRO + MRO)	DI Water: H <sub>2</sub> O
SW-7	8/23/2023		X		Comp	1	Chloride 4500	Cool: Cool
SW-8	8/23/2023		X		Comp	1		HCL HC
SW-9	8/23/2023		X		Comp	1		H <sub>2</sub> SO <sub>4</sub> H <sub>2</sub>
SW-10	8/23/2023		X		Comp	1		H <sub>3</sub> PO <sub>4</sub> HP
SW-11	8/23/2023		X		Comp	1		NaHSO <sub>4</sub> NABIS
SW-12	8/23/2023		X		Comp	1		Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> NaSO <sub>3</sub>
SW-13	8/23/2023		X		Comp	1		Zn Acetate+NaOH: Zn
SW-14	8/23/2023		X		Comp	1		NaOH+Ascorbic Acid SAPC

Additional Comments:

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



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

September 13, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MEAN GREEN 27 FEDERAL #002H

Enclosed are the results of analyses for samples received by the laboratory on 09/11/23 12:48.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 1 (H234899-01)**

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	09/11/2023	ND	2.07	103	2.00	2.17	
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48	
Total BTEX	<0.300	0.300	09/11/2023	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	544	16.0	09/12/2023	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	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 80.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 2 (H234899-02)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17	
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48	
Total BTX	<0.300	0.300	09/11/2023	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	1170	16.0	09/12/2023	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	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 3 (H234899-03)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17		
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48		
Total BTX	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1260	16.0	09/12/2023	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	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 4 (H234899-04)**

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	09/11/2023	ND	2.07	103	2.00	2.17		
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48		
Total BTEX	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	752	16.0	09/12/2023	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	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 74.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 5 (H234899-05)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17	
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48	
Total BTX	<0.300	0.300	09/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	09/12/2023	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	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 76.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 6 (H234899-06)**

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	09/11/2023	ND	2.07	103	2.00	2.17		
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48		
Total BTEx	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	2000	16.0	09/12/2023	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	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 7 (H234899-07)**

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	09/11/2023	ND	2.07	103	2.00	2.17		
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48		
Total BTEx	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 8 (H234899-08)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17	
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48	
Total BTX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 83.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 9 (H234899-09)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17	
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48	
Total BTX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 10 (H234899-10)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17	
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48	
Total BTX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 11 (H234899-11)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17	
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48	
Total BTX	<0.300	0.300	09/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 12 (H234899-12)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17		
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48		
Total BTX	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 67.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 13 (H234899-13)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17	
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48	
Total BTX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 14 (H234899-14)**

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	09/11/2023	ND	2.07	103	2.00	2.17	
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48	
Total BTEx	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 68.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.7 % 49.1-148

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 15 (H234899-15)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17		
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48		
Total BTX	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	928	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 75.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.6 % 49.1-148

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 16 (H234899-16)**

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	09/11/2023	ND	2.07	103	2.00	2.17		
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48		
Total BTEx	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	832	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 78.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 17 (H234899-17)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17		
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48		
Total BTX	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.4 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 18 (H234899-18)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17	
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48	
Total BTX	<0.300	0.300	09/11/2023	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	432	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 89.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 19 (H234899-19)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17		
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48		
Total BTX	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 65.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 20 (H234899-20)**

BTX 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	09/11/2023	ND	2.07	103	2.00	2.17	
Toluene*	<0.050	0.050	09/11/2023	ND	2.10	105	2.00	2.63	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.07	103	2.00	1.47	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.18	103	6.00	1.48	
Total BTX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	592	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	196	97.9	200	0.878	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	193	96.3	200	3.29	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 21 (H234899-21)**

BTX 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	09/11/2023	ND	1.87	93.6	2.00	0.0569		
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715		
Total BTX	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 22 (H234899-22)**

BTX 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	09/11/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715	
Total BTX	<0.300	0.300	09/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 23 (H234899-23)**

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	09/11/2023	ND	1.87	93.6	2.00	0.0569		
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715		
Total BTEx	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	416	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 24 (H234899-24)**

BTX 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	09/11/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715	
Total BTX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 25 (H234899-25)**

BTX 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	09/11/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715	
Total BTX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 26 (H234899-26)**

BTX 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	09/11/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715	
Total BTX	<0.300	0.300	09/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 27 (H234899-27)**

BTX 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	09/11/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715	
Total BTX	<0.300	0.300	09/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 28 (H234899-28)**

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	09/11/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715	
Total BTEx	<0.300	0.300	09/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1040	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 29 (H234899-29)**

BTX 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	09/11/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715	
Total BTX	<0.300	0.300	09/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	112	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 30 (H234899-30)**

BTX 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	09/11/2023	ND	1.87	93.6	2.00	0.0569		
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715		
Total BTX	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 31 (H234899-31)**

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	09/11/2023	ND	1.87	93.6	2.00	0.0569		
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715		
Total BTEx	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	800	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 96.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 32 (H234899-32)**

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	09/11/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715	
Total BTEx	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1020	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 33 (H234899-33)**

BTX 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	09/11/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715	
Total BTX	<0.300	0.300	09/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 99.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 34 (H234899-34)**

BTX 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	09/11/2023	ND	1.87	93.6	2.00	0.0569		
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715		
Total BTX	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 35 (H234899-35)**

BTX 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	09/11/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/11/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	5.79	96.5	6.00	0.0715	
Total BTX	<0.300	0.300	09/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	1220	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 36 (H234899-36)**

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	09/12/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/12/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.79	96.5	6.00	0.0715	
Total BTEx	<0.300	0.300	09/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 116 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 37 (H234899-37)**

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	09/12/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/12/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.79	96.5	6.00	0.0715	
Total BTEx	<0.300	0.300	09/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 38 (H234899-38)**

BTX 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	09/12/2023	ND	1.87	93.6	2.00	0.0569		
Toluene*	<0.050	0.050	09/12/2023	ND	1.91	95.4	2.00	1.61		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.94	97.1	2.00	0.122		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.79	96.5	6.00	0.0715		
Total BTX	<0.300	0.300	09/12/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	320	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 39 (H234899-39)**

BTX 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	09/12/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/12/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.79	96.5	6.00	0.0715	
Total BTX	<0.300	0.300	09/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 92.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 40 (H234899-40)**

BTX 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	09/12/2023	ND	1.87	93.6	2.00	0.0569	
Toluene*	<0.050	0.050	09/12/2023	ND	1.91	95.4	2.00	1.61	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	1.94	97.1	2.00	0.122	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.79	96.5	6.00	0.0715	
Total BTX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	09/13/2023	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	09/12/2023	ND	207	104	200	4.03	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	209	105	200	6.18	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 41 (H234899-41)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	848	16.0	09/13/2023	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	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 42 (H234899-42)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	896	16.0	09/13/2023	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	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 43 (H234899-43)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	09/13/2023	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	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 44 (H234899-44)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	09/13/2023	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	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 45 (H234899-45)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	09/13/2023	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	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 46 (H234899-46)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	656	16.0	09/13/2023	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	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 97.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 47 (H234899-47)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14	
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10	
Total BTEX	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1250	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 48 (H234899-48)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14	
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10	
Total BTEx	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 49 (H234899-49)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14	
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10	
Total BTEx	<0.300	0.300	09/11/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	576	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 50 (H234899-50)**

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTX	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	352	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 49.1-148

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 51 (H234899-51)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	544	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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\*=Accredited Analyte

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 52 (H234899-52)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/11/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/11/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/11/2023	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 53 (H234899-53)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14	
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10	
Total BTEx	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 54 (H234899-54)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14	
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78	
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22	
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10	
Total BTEx	<0.300	0.300	09/11/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 55 (H234899-55)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/11/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	640	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 56 (H234899-56)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 57 (H234899-57)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/11/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/11/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/11/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/11/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/11/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	688	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 58 (H234899-58)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/12/2023	ND	2.02	101	2.00	4.14		
Toluene*	<0.050	0.050	09/12/2023	ND	2.00	100	2.00	3.78		
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.15	107	2.00	4.22		
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.43	107	6.00	4.10		
Total BTEx	<0.300	0.300	09/12/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 59 (H234899-59)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	2.02	101	2.00	4.14	
Toluene*	<0.050	0.050	09/12/2023	ND	2.00	100	2.00	3.78	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.15	107	2.00	4.22	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.43	107	6.00	4.10	
Total BTEx	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	704	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 60 (H234899-60)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	2.02	101	2.00	4.14	
Toluene*	<0.050	0.050	09/12/2023	ND	2.00	100	2.00	3.78	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.15	107	2.00	4.22	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	6.43	107	6.00	4.10	
Total BTEx	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1010	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	195	97.4	200	3.82	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	194	96.9	200	1.12	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 99.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 61 (H234899-61)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/12/2023	ND	2.04	102	2.00	1.68	
Toluene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	2.27	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.00	99.8	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.98	99.7	6.00	2.94	
Total BTEx	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 62 (H234899-62)**

BTX 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	09/12/2023	ND	2.04	102	2.00	1.68	
Toluene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	2.27	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.00	99.8	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.98	99.7	6.00	2.94	
Total BTX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 63 (H234899-63)**

BTX 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	09/12/2023	ND	2.04	102	2.00	1.68	
Toluene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	2.27	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.00	99.8	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.98	99.7	6.00	2.94	
Total BTX	<0.300	0.300	09/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 64 (H234899-64)**

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	09/12/2023	ND	2.04	102	2.00	1.68	
Toluene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	2.27	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.00	99.8	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.98	99.7	6.00	2.94	
Total BTEx	<0.300	0.300	09/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 114 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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**Analytical Results For:**

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

Received: 09/11/2023  
 Reported: 09/13/2023  
 Project Name: MEAN GREEN 27 FEDERAL #002H  
 Project Number: 226070  
 Project Location: DEVON - LEA CO., NM

Sampling Date: 09/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Dionica Hinojos

**Sample ID: CS - 65 (H234899-65)**

BTX 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	09/12/2023	ND	2.04	102	2.00	1.68	
Toluene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	2.27	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.00	99.8	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.98	99.7	6.00	2.94	
Total BTX	<0.300	0.300	09/12/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	09/13/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 119 % 48.2-134

Surrogate: 1-Chlorooctadecane 131 % 49.1-148

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**Analytical Results For:**

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

Received:	09/11/2023	Sampling Date:	09/11/2023
Reported:	09/13/2023	Sampling Type:	Soil
Project Name:	MEAN GREEN 27 FEDERAL #002H	Sampling Condition:	Cool & Intact
Project Number:	226070	Sample Received By:	Dionica Hinojos
Project Location:	DEVON - LEA CO., NM		

**Sample ID: CS - 66 (H234899-66)**

BTX 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	09/12/2023	ND	2.04	102	2.00	1.68	
Toluene*	<0.050	0.050	09/12/2023	ND	2.05	102	2.00	2.27	
Ethylbenzene*	<0.050	0.050	09/12/2023	ND	2.00	99.8	2.00	2.39	
Total Xylenes*	<0.150	0.150	09/12/2023	ND	5.98	99.7	6.00	2.94	
Total BTX	<0.300	0.300	09/12/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	09/13/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/12/2023	ND	220	110	200	2.87	
DRO >C10-C28*	<10.0	10.0	09/12/2023	ND	218	109	200	0.0981	
EXT DRO >C28-C36	<10.0	10.0	09/12/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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### Notes and Definitions

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

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

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Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: HAZ 4899

Page 1 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Mathews@dvn.com

Project Name:		Mean Green 27 Federal #002H	
Project Number:	226070	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	
Project Location:	Lea Co. NM	Due Date:	48hr
Sampler's Name:	Ethan Sessums	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	21059887		

SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.3°C	
Total Containers:	66	Corrected Temperature:		

Parameters	BTEX 8021B	TPH 8015M ( GRO + DRO + MRO )	Chloride 4500	HOLD
------------	------------	-------------------------------	---------------	------

Preservative Codes	None: NO	DI Water: H <sub>2</sub> O
	Cool: Cool	MeOH: Me
	HCL: HC	HNO <sub>3</sub> : HN
	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
	H <sub>3</sub> PO <sub>4</sub> : HP	
	NaHSO <sub>4</sub> : NABIS	
	Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
	Zn Acetate+NaOH: Zn	
	NaOH+Ascorbic Acid: SAPC	

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

Project Name:		Mean Green 27 Federal #002H		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	226070	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush														None: NO	DI Water: H <sub>2</sub> O	
Project Location	Lea Co. NM			Due Date:	48hr													Cool: Cool	MeOH: Me
Sampler's Name:	Ethan Sessums			TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO <sub>3</sub> : HN
PO #	21059887																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	Yes No	Parameters												H <sub>3</sub> PO <sub>4</sub> : HP	
Received Inact:	Yes No	Thermometer ID:	140															NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	1															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	Yes No N/A	Temperature Reading:	1.32															Zn Acetate+NaOH: Zn	
Total Containers:	66	Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-1		9/11/2023		X		Comp	1	X	X	X								1	
CS-2		9/11/2023		X		Comp	1	X	X	X								2	
CS-3		9/11/2023		X		Comp	1	X	X	X								3	
CS-4		9/11/2023		X		Comp	1	X	X	X								4	
CS-5		9/11/2023		X		Comp	1	X	X	X								5	
CS-6		9/11/2023		X		Comp	1	X	X	X								6	
CS-7		9/11/2023		X		Comp	1	X	X	X								7	
CS-8		9/11/2023		X		Comp	1	X	X	X								8	
CS-9		9/11/2023		X		Comp	1	X	X	X								9	
CS-10		9/11/2023		X		Comp	1	X	X	X								10	

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>		9/11/23 12:48	<u>[Signature]</u>	<u>[Signature]</u>	



Chain of Custody

Work Order No: H034694

Page 2 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City/State/ZIP:	Carlsbad, NM 88220	City/State/ZIP:	Artesia, NM 86210
Phone:	(432) 701-2159	Email:	Wesley.Mathews@dev.com

Project Name:		Mean Green 27 Federal #002H	Turn Around	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	226070		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO	DI Water: H <sub>2</sub> O
Project Location:	Lea Co, NM	Due Date:	48hr														Cool: Cool	MeOH: Me
Sampler's Name:	Ethan Sessums	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO <sub>3</sub> : HN
PO #:	21059887																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na

SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters												HOLD	
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:																	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:																NaHSO <sub>4</sub> : NABIS	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.32															Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>	
Total Containers:	66	Corrected Temperature:																Zn Acetate+NaOH: Zn	
																		NaOH+Ascorbic Acid: SAPC	

Project Name:		Mean Green 27 Federal #002H		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes			
Project Number:		226070		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush														None: NO	DI Water: H <sub>2</sub> O				
Project Location		Lea Co, NM		Due Date:		48hr												Cool: Cool	MeOH: Me				
Sampler's Name:		Ethan Sessums		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC	HNO <sub>3</sub> : HN				
PO #:		21059887																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na				
SAMPLE RECEIPT				Temp Blank:		Yes No		Wet Ice:		Yes No													
Received In tact:		Yes No		Thermometer ID:				140															
Cooler Custody Seals:		Yes No N/A		Correction Factor:																			
Sample Custody Seals:		Yes No N/A		Temperature Reading:				1.3°C															
Total Containers:		66		Corrected Temperature:				-															
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters														
CS-11			9/11/2023		X		Comp	1	BTEX 8021B														
CS-12			9/11/2023		X		Comp	1	TPH 8015M ( GRO + DRO + MRO)														
CS-13			9/11/2023		X		Comp	1	Chloride 4500														
CS-14			9/11/2023		X		Comp	1															
CS-15			9/11/2023		X		Comp	1															
CS-16			9/11/2023		X		Comp	1															
CS-17			9/11/2023		X		Comp	1															
CS-18			9/11/2023		X		Comp	1															
CS-19			9/11/2023		X		Comp	1															
CS-20			9/11/2023		X		Comp	1															
									HOLD														
									NaHSO <sub>4</sub> : NABIS														
									Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>														
									Zn Acetate+NaOH: Zn														
									NaOH+Ascorbic Acid: SAPC														

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9/14/23 15:24			



Work Order No: 7059011



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

ANALYSIS REQUEST										Preservative Codes																					
Project Name:		Mean Green 27 Federal #002H		Turn Around		Pres. Code				None: NO		DI Water: H <sub>2</sub> O																			
Project Number:		226070		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush						Cool: Cool		MeOH: Me																			
Project Location:		Lea Co. NM		Due Date:		48hr				HCL: HC		HNO <sub>3</sub> : HN																			
Sampler's Name:		Ethan Sessums		TAT starts the day received by the lab, if received by 4:30pm						H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>		NaOH: Na																			
PO #		21059887								H <sub>3</sub> PO <sub>4</sub> : HP																					
SAMPLE RECEIPT				Temp. Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																					
Received Intact:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																											
Cooler Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:																									
Sample Custody Seals:				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		1.32																							
Total Containers:				66		Corrected Temperature:																									
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																			
CS-21		9/11/2023				X				Comp		1																			
CS-22		9/11/2023				X				Comp		1																			
CS-23		9/11/2023				X				Comp		1																			
CS-24		9/11/2023				X				Comp		1																			
CS-25		9/11/2023				X				Comp		1																			
CS-26		9/11/2023				X				Comp		1																			
CS-27		9/11/2023				X				Comp		1																			
CS-28		9/11/2023				X				Comp		1																			
CS-29		9/11/2023				X				Comp		1																			
CS-30		9/11/2023				X				Comp		1																			
Parameters												BTEX 8021B		TPH 8015M ( GRO + DRO + MRO)		Chloride 4500		HOLD													
Sample Comments												81		22		23		24		25		26		27		28		29		30	

**Additional Comments:**

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9/11/23/12:48			



Chain of Custody

Work Order No: 453484

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Mathews@dvn.com

Project Name:		Mean Green 27 Federal #002H	Turn Around		Pres. Code
Project Number:		226070	<input type="checkbox"/> Routine	<input checked="" type="checkbox"/> Rush	
Project Location:		Lea Co. NM	Due Date:		48hr
Sampler's Name:		Ethan Sessums	TAT starts the day received by the lab, if received by 4:30pm		
PO #:		21059887			

SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received In tact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:		140	
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:			
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:		1.32	
Total Containers:		65	Corrected Temperature:			

Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST												Preservative Codes	
CS-31		9/11/2023		X		Comp	1	X	X	X								None: NO	DI Water: H <sub>2</sub> O		
CS-32		9/11/2023		X		Comp	1	X	X	X								Cool: Cool	MeOH: Me		
CS-33		9/11/2023		X		Comp	1	X	X	X								HCL: HC	HNO <sub>3</sub> : HN		
CS-34		9/11/2023		X		Comp	1	X	X	X								H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
CS-35		9/11/2023		X		Comp	1	X	X	X								H <sub>3</sub> PO <sub>4</sub> : HP			
CS-36		9/11/2023		X		Comp	1	X	X	X								NaHSO <sub>4</sub> : NABIS			
CS-37		9/11/2023		X		Comp	1	X	X	X								Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>			
CS-38		9/11/2023		X		Comp	1	X	X	X								Zn Acetate+NaOH: Zn			
CS-39		9/11/2023		X		Comp	1	X	X	X								NaOH+Ascorbic Acid: SA:PC			
CS-40		9/11/2023		X		Comp	1	X	X	X											

Additional Comments:																			
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Relinquished by: (Signature)		Received by: (Signature)		Date/Time		Relinquished by: (Signature)		Received by: (Signature)		Date/Time	
1 <u>[Signature]</u>		<u>[Signature]</u>		9/11/23 12:48		2					
3						4					
5						6					

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Chain of Custody

Work Order No: H23489

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Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Mathews@devon.com

Program: UST/PST <input type="checkbox"/> PRP <input type="checkbox"/> Brownfields <input type="checkbox"/> RRC <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting Level II <input type="checkbox"/> Level III <input type="checkbox"/> PST/UST <input type="checkbox"/> RRP <input type="checkbox"/> Level IV <input type="checkbox"/>	Deliverables: EDO <input type="checkbox"/> ADAPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Mean Green 27 Federal #002H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	226070	Due Date:	48														None: NO	DI Water: H <sub>2</sub> O
Project Location:	Lea Co. NM	TAT starts the day received by the lab, if received by 4:30pm															Cool: Cool	MeOH: Me
Sampler's Name:	Ethan Sessums																HCL: HC	HNO <sub>3</sub> : HN
PO #:	21059887																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT	Temp Blank: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Well Ice: <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No															H <sub>3</sub> PO <sub>4</sub> : HP	
Received In tact:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Thermometer ID:	140														NaHSO <sub>4</sub> : NABIS	
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Correction Factor:															Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>	
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Temperature Reading:	1.32														Zn Acetate+NaOH: Zn	
Total Containers:	66	Corrected Temperature:															NaOH+Ascorbic Acid: SAPC	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	Parameters												Sample Comments
CS-41	9/11/2023		X		Comp	1	BTX 8021B												41
CS-42	9/11/2023		X		Comp	1	TPH 8015M ( GRO + DRO + MRO)												42
CS-43	9/11/2023		X		Comp	1	Chloride 4500												43
CS-44	9/11/2023		X		Comp	1													44
CS-45	9/11/2023		X		Comp	1													45
CS-46	9/11/2023		X		Comp	1													46
CS-47	9/11/2023		X		Comp	1													47
CS-48	9/11/2023		X		Comp	1													48
CS-49	9/11/2023		X		Comp	1													49
CS-50	9/11/2023		X		Comp	1													50

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9/11/23 12:48			



Chain of Custody

Work Order No: 1434184

Page 6 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Mathews@devon.com

Project Name:		Mean Green 27 Federal #002H	
Project Number:	226070	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	
Project Location:	Lea Co. NM	Due Date:	48hr
Sampler's Name:	Ethan Sessums	TAT starts the day received by the lab, if received by 4:30pm	
PO #:	21059887		

SAMPLE RECEIPT	Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Well Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140	
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	1	
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	1.32	
Total Containers:	66	Corrected Temperature:	1	

Project Name:		Mean Green 27 Federal #002H		Turn Around			Pres. Code	ANALYSIS REQUEST												Preservative Codes																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
Project Number:		226070		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
<u>[Signature]</u>	<u>[Signature]</u>	9/10/23/12:48			



Chain of Custody

Work Order No: H2341899

Page 7 of 7

Project Manager:	Ethan Sessums	Bill to: (if different)	Wesley Mathews
Company Name:	NTG Environmental	Company Name:	Devon Energy
Address:	209 W McKay St	Address:	6488 Seven Rivers Highway
City, State ZIP:	Carlsbad, NM 88220	City, State ZIP:	Artesia, NM 88210
Phone:	(432) 701-2159	Email:	Wesley.Mathews@devon.com

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

Project Name:	Mean Green 27 Federal #002H	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST												Preservative Codes	
Project Number:	226070	Due Date:	48hr														None: NO	DI Water: H <sub>2</sub> O
Project Location:	Lea Co. NM																Cool: Cool	MeOH: Me
Sampler's Name:	Ethan Sessums																HCL: HC	HNO <sub>3</sub> : HN
PO #:	21059887																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Parameters												H <sub>3</sub> PO <sub>4</sub> : HP
Received Inact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140													NaHSO <sub>4</sub> : NABIS		
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:														Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> : NaSO <sub>3</sub>		
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:	1.3°C													Zn Acetate+NaOH: Zn		
Total Containers:	66	Corrected Temperature:														NaOH+Ascorbic Acid: SAPC		

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments
CS-61	9/11/2023		X		Comp	1	X	X	X	X							14		
CS-62	9/11/2023		X		Comp	1	X	X	X	X							140		
CS-63	9/11/2023		X		Comp	1	X	X	X	X							103		
CS-64	9/11/2023		X		Comp	1	X	X	X	X							144		
CS-65	9/11/2023		X		Comp	1	X	X	X	X							105		
CS-66	9/11/2023		X		Comp	1	X	X	X	X							144		

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		9/11/23/12:48			

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

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

CONDITIONS

Action 276016

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 276016
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Operator did not meet 19.15.29.12D (1a) NMAC. Forbearance given on 1/11/2024. Remediation Closure approved.	1/11/2024