



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

December 18, 2023

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

**Re: Closure Report  
Mesquite Booster Pump  
Devon Energy Production Company  
Site Location: Unit M, S33, T23S, R33E  
Lat 32.2560156°, Long -103.5790506°  
Lea County, New Mexico  
Incident ID: nAPP2301125598**

Mr. Bratcher:

On behalf of Devon Energy Production Company (Devon), New Tech Global Environmental, LLC (NTGE) has prepared this Closure report to document site assessment, remedial action, and sampling activities at the Mesquite Booster Pump (Site) for submittal to the New Mexico Oil Conservation Division (NMCOD) District 2 Office in Artesia, New Mexico. The Site is located in Unit Letter M, Section 33, of Township 23 South and Range 33 East in Lea County, New Mexico. The site location with respect to the nearest town is shown in Figure 1 and the topography of the area is shown in Figure 2.

### **Background**

Based on the initial C-141 obtained from the NMOCD, the release was discovered on January 10<sup>th</sup>, 2021. The release was a result of equipment failure in a high-pressure poly line which resulted in the release of approximately 14 barrels (bbls) of produced water of which 1 bbl was recovered for a net loss of 13 bbls of produced water. Upon discovery, the well was shut-in, and the area secured. The release is shown on Figure 3.

### **Site Characterization**

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

### **Regulatory Criteria**

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

Mr. Mike Bratcher  
December 18, 2023  
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19.15.29.12).

**General Site Characterization and Groundwater:**

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

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	BTEX	Benzene
19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet)	600 mg/kg	100 mg/kg	---	50 mg/kg	10 mg/kg
19.15.23.12 Remediation and Closure Criteria for Soils Impacted by a Release (>4 Feet)	20,000 mg/kg	2,500 mg/kg	1,000 mg/kg	50 mg/kg	10 mg/kg
Notes: --- = not defined					

**Site Assessment**

On February 9<sup>th</sup>, 2023, NTGE conducted site assessment activities to assess the vertical extent of impacts at the Site. A total of eleven (11) vertical sample points (S-1 through S-11) and fifteen (16) horizontal sample points (H-1 through H-15) were installed within and adjacent to the release area to characterize the impacts. Soil samples were collected in 0.5 to 1 ft intervals from depths ranging from 0 – 8.5 ft bgs with a geotechnical hand auger. The hand auger was decontaminated with Alconox and deionized water between soil borings to prevent cross-contamination.

The samples were submitted to Cardinal Laboratories in Hobbs, NM and analyzed for BTEX by EPA method 8260B, TPH by method 8015B Modified, and chloride by EPA 4500 Cl-B. The analytical results indicated that chloride and/or TPH concentrations exceeded the NMOCD regulatory limits in the areas of S-1 through S-11 at various depths ranging from 0 ft bgs to 4 ft bgs. Analytical results are included in Table 1 and sampling locations are shown in Figure 3. Laboratory reports containing analytical methods and chain-of-custody documents are attached to the report.

**Remedial Action Activities and Confirmation Sampling**

Based on the analytical results, Devon proceeded with remediation activities at the Site to include the excavation and disposal of impacted soils above the regulatory limits. The release areas of S-1, S-2, and S-6 through S-11 were excavated to 2 ft bgs, areas of S-3 and S-5 were excavated to 3 ft bgs and the area of S-4 was excavated to 2 ft bgs based on the delineation samples results shown in Table 1. Final excavation map with confirmation sample locations is shown in Figures 4A, 4B and 4C.

On July 27<sup>th</sup>, 2023, and August 1<sup>st</sup>, 2023, NTGE was onsite to collect ninety-two (92) confirmation samples (CS-1 through CS-92) from the base of the excavation as well as twenty (20) confirmation side wall samples (SW-1 through SW-20). 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). Multiple confirmation samples (CS-6, CS-13, CS-23, CS-52

Mr. Mike Bratcher  
December 18, 2023  
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through CS-58, CS-60, CS-61, CS-62, CS-65, CS-66, SW-4, SW-5, SW-6, SW-10, SW-11 and SW-17 through SW-19) exceeded the NMOCD Table 3.1 standards for chlorides. Laboratory reports containing analytical methods and chain-of-custody documents are attached.

Devon continued expanding the excavation both horizontally and vertically based on the laboratory results of confirmation samples to ensure all impacted soils were removed. On August 11<sup>th</sup>, 2023, NTGE was onsite to collect fifteen (15) confirmation samples (CS-6, CS-13, CS-23, CS-52 through CS-58, CS-60, CS-61, CS-62, CS-65, CS-66) from the base of the excavation as well as eleven (11) confirmation side wall samples (SW-4A, SW-5A, SW-6A, SW-10A, SW-11A, SW-17A through SW-19A, and SW-21 through SW-23). The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Laboratory analytical results indicate that all confirmation samples were below NMOCD regulatory criterion from NMOCD Table 3.1. Laboratory reports containing analytical methods and chain-of-custody documents are attached.

On December 6<sup>th</sup>, 2023, NTGE was onsite to collect three (3) final confirmation side wall samples (SW-24 through SW-26). The confirmation samples were collected every 200 square feet and analyzed for TPH (EPA method 8015 modified), BTEX (EPA Method 8021B), and chloride (method SM4500Cl-B). Laboratory analytical results indicate that all confirmation samples were below NMOCD regulatory criterion from NMOCD Table 3.1 therefore all impacted soils were removed from the Site. Laboratory reports containing analytical methods and chain-of-custody documents are attached.

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

#### **Closure Request**

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

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

Sincerely,  
**NTG Environmental**



Ethan Sessums  
Project Manager



Dmitry Nikanorov  
Project Scientist

Mr. Mike Bratcher  
December 18, 2023  
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Attachments:

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



## **SAMPLING NOTIFICATIONS**

**From:** [Ethan Sessums](#)  
**To:** [Enviro, OCD, EMNRD](#)  
**Cc:** [NTG Env Carlsbad](#)  
**Subject:** Sampling Notification  
**Date:** Sunday, July 23, 2023 1:09:56 PM

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NTGE on behalf of DEVON will be conducting a confirmation sampling event starting Wednesday the 26th at 10 a.m. MDT persisting throughout the week until Friday the 28th end of business.

Associated Incidents:

NAPP2201362323	Thistle Unit 44H CTB
nAPP2314547818	Thistle Unit 46
nAPP2301125598	Mesquite Booster Line

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

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

**From:** [Ethan Sessums](#)  
**To:** [NTG Env Carlsbad](#)  
**Subject:** Fwd: Sampling Notification  
**Date:** Friday, July 28, 2023 12:58:52 PM

---

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

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

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**From:** Ethan Sessums  
**Sent:** Friday, July 28, 2023 12:58:31 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Subject:** Sampling Notification

NTGE on behalf of DEVON will be conducting a confirmation sampling event starting Tuesday the 1st at 12p.m. MDT persisting through the week until Friday the 4th end of business.

Associated Incidents:

NAPP2201362323	Thistle Unit 44H CTB
nAPP2314547818	Thistle Unit 46
nAPP2301125598	Mesquite Booster Line

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

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

**From:** [Ethan Sessums](#)  
**To:** [Dmitry Nikanorov](#)  
**Subject:** FW: [EXTERNAL] Sampling Notification  
**Date:** Monday, January 8, 2024 11:43:26 AM  
**Attachments:** [image001.png](#)

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



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**From:** Kellan Smith <[KSmith@ntglobal.com](mailto:KSmith@ntglobal.com)>  
**Sent:** Monday, January 8, 2024 11:43 AM  
**To:** Ethan Sessums <[ESessums@ntglobal.com](mailto:ESessums@ntglobal.com)>  
**Subject:** FW: [EXTERNAL] Sampling Notification

**Kellan Smith**

Project Scientist | **NTG Environmental – Carlsbad, NM**  
W: 832.374.0004 | M: 580.682.1889 | [ksmith@ntglobal.com](mailto:ksmith@ntglobal.com) | [www.ntgenvironmental.com](http://www.ntgenvironmental.com)

---

**From:** Wells, Shelly, EMNRD <[Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)>  
**Sent:** Monday, August 14, 2023 5:42 PM  
**To:** Kellan Smith <[KSmith@ntglobal.com](mailto:KSmith@ntglobal.com)>  
**Cc:** Bratcher, Michael, EMNRD <[mike.bratcher@emnrd.nm.gov](mailto:mike.bratcher@emnrd.nm.gov)>; Velez, Nelson, EMNRD <[Nelson.Velez@emnrd.nm.gov](mailto:Nelson.Velez@emnrd.nm.gov)>  
**Subject:** RE: [EXTERNAL] Sampling Notification

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

Good afternoon Kellan,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells \* Environmental Specialist-Advanced  
Environmental Bureau  
EMNRD-Oil Conservation Division  
1220 S. St. Francis Drive | Santa Fe, NM 87505  
(505)469-7520 | [Shelly.Wells@emnrd.nm.gov](mailto:Shelly.Wells@emnrd.nm.gov)  
<http://www.emnrd.state.nm.us/OCD/>

---

**From:** Kellan Smith <[KSmith@ntglobal.com](mailto:KSmith@ntglobal.com)>  
**Sent:** Monday, August 14, 2023 3:29 PM  
**To:** Enviro, OCD, EMNRD <[OCD.Enviro@emnrd.nm.gov](mailto:OCD.Enviro@emnrd.nm.gov)>  
**Cc:** NTG Env Carlsbad <[ntg\\_env\\_carlsbad@ntglobal.com](mailto:ntg_env_carlsbad@ntglobal.com)>  
**Subject:** [EXTERNAL] Sampling Notification

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

NTG Environmental, on behalf of Devon Energy Production Company (DEVON), will be conducting confirmation sampling activities for the following incidents starting Thursday, July 17<sup>th</sup>, 2023, at around 10 a.m. MDT and continuing through Friday, July 18<sup>th</sup>, 2023.

Associated Incidents:

- NAPP2201362323
- nAPP2314547818
- nAPP2301125598

Thank you!

Kellan Smith  
Project Scientist  
NTG Environmental  
209 W McKay, Carlsbad, NM 88220  
W: (832) 374-0004 P: (580) 682-1889

Email: [ksmith@ntglobal.com](mailto:ksmith@ntglobal.com)

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

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<a href="#">nAPP2325073485</a>	MESQUITE BOOSTER STATION	9/7/2023
<a href="#">nAPP2301125598</a>	Mesquite Booster Line	1/10/2023

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

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



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**INITIAL AND FINAL C-141**

---

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

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

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

Incident ID	nAPP2301125598
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party Devon Energy Production Company	OGRID 6137
Contact Name Dale Woodall	Contact Telephone 575-748-1838
Contact email dale.woodall@dvn.com	Incident # (assigned by OCD) nAPP2301125598
Contact mailing address 205 E. Bender Road # 150; Hobbs, NM 88240	

Location of Release Source

Latitude 32.2560156 Longitude -103.5790506  
(NAD 83 in decimal degrees to 5 decimal places)

Site Name Mesquite Booster Pump	Site Type WATER TRANSFER PUMP
Date Release Discovered 1/10/2023	API# (if applicable)

Unit Letter	Section	Township	Range	County
M	33	23S	33E	LEA

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 checked="" type="checkbox"/> Produced Water	Volume Released (bbls) 14	Volume Recovered (bbls) 1
	Is the concentration of total dissolved solids (TDS) in the produced water >10,000 mg/l?	<input type="checkbox"/> Yes <input checked="" 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  
A one inch poly line on the mesquite booster burst due to high line pressure. The operator immediately turned off the VFDs to stop the leak.

Incident ID	nAPP2301125598
District RP	
Facility ID	
Application ID	

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

## 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: <u>Dale Woodall</u> Signature: <u><i>Dale Woodall</i></u> email: <u>dale.woodall@dvn.com</u>	Title: <u>Environmental Professional</u> Date: <u>1/17/2023</u> Telephone: <u>575-748-1838</u>
<b><u>OCD Only</u></b> Received by: <u>Jocelyn Harimon</u> Date: <u>01/17/2023</u>	

Mesquite Booster Pump

OCD incident nAPP2301125598

1/10/2023

<b>Spill Volume(Bbls) Calculator</b>		
<i>Inputs in blue, Outputs in red</i>		
Contaminated Soil measurement		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>56</u>	<u>56.000</u>	<u>0.021</u>
Cubic Feet of Soil Impacted		<u>65.856</u>
Impacted		<u>11.74</u>
Soil Type		<u>Clay/Sand</u>
Barrels of Oil Assuming 100% Saturation		<u>1.76</u>
Saturation	<u>Damp no fluid when squeezed</u>	
Estimated Barrels of Oil Released		<u>0.18</u>
Free Standing Fluid Only		
Length(Ft)	Width(Ft)	Depth(Ft)
<u>56</u>	<u>56.000</u>	<u>0.021</u>
Standing fluid		<u>11.713</u>
<b>Total fluids spilled</b>		<b><u>13.474</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 176649

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 176649
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	1/17/2023

Incident ID	nAPP2301125598
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;101</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 checked="" type="checkbox"/> Yes <input 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

Page 4

Incident ID	nAPP2301125598
District RP	
Facility ID	
Application ID	

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

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

Signature: \_\_\_\_\_ Date: \_\_\_12/15/23\_\_\_\_\_

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

**OCD Only**

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



Incident ID	nAPP2301125598
District RP	
Facility ID	
Application ID	

## Remediation Plan

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

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

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

- ☐ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☐ Extents of contamination must be fully delineated.
- ☐ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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

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

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

email: \_\_\_\_\_ Telephone: \_\_\_\_\_

**OCD Only**

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

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

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

Incident ID	nAPP2301125598
District RP	
Facility ID	
Application ID	

## Closure

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

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

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

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

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

Signature: \_\_\_\_\_ Date: \_\_\_\_\_ 12/15/23 \_\_\_\_\_

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

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

## **SITE CHARACTERIZATION INFORMATION**

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## NMOCD Closure Criteria

Mesquite Booster Pump

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




Closure Criteria (19.15.29.12.B(4) and Table 1 NMAC)						
Depth to Groundwater (ft)		Closure Criteria (mg/kg)				
		Chloride*	TPH	GRO + DRO	BTEX	Benzene
< 50		600	100	--	50	10
51 - 100		10,000	2,500	1,000	50	10
>100	x	20,000	2,500	1,000	50	10
Surface Water	Yes/No	in yes, then				
<300 ft from a continuously flowing watercourse or other significant watercourse?	No	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					

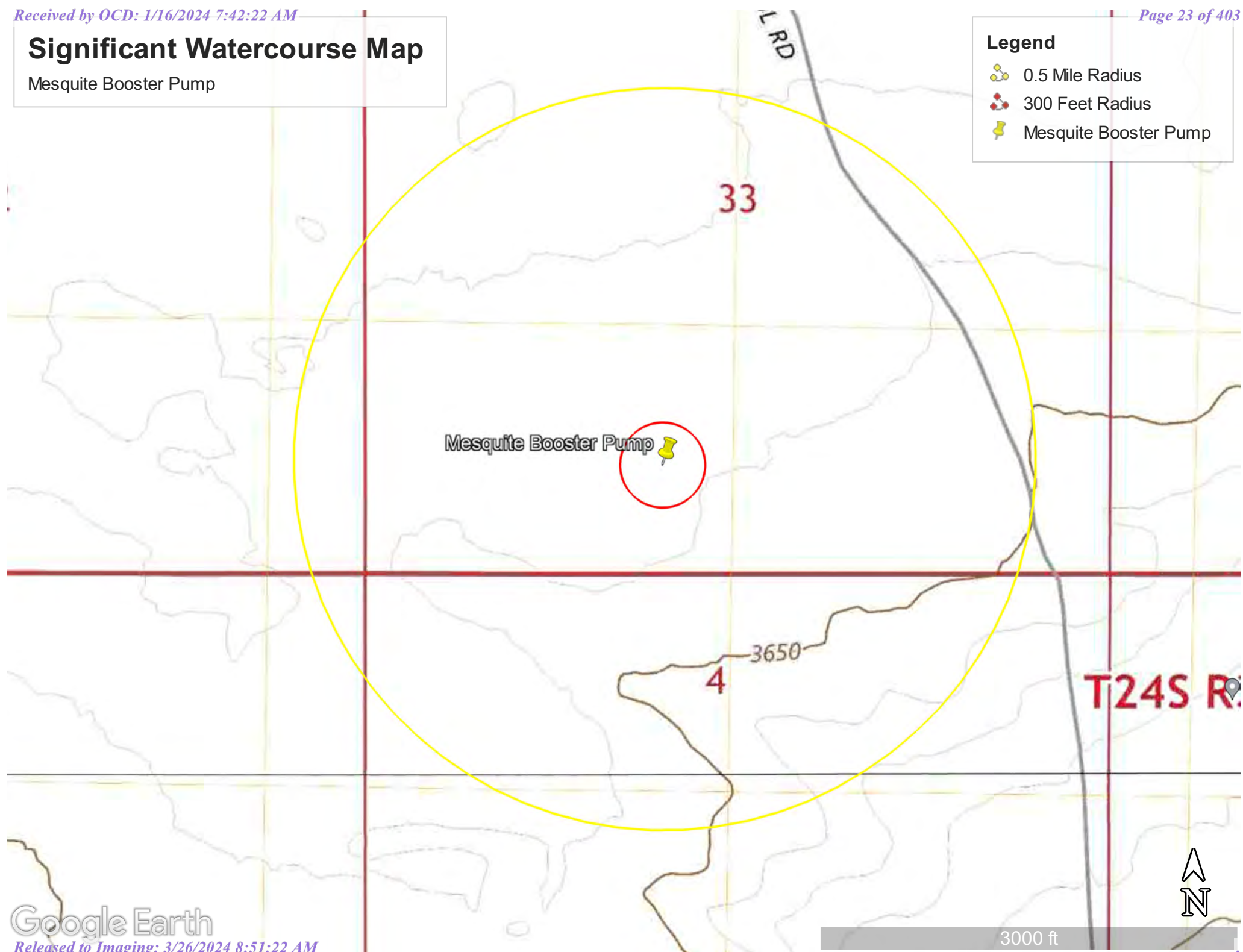
\* - numerical limit or background, whichever is greater

# Significant Watercourse Map

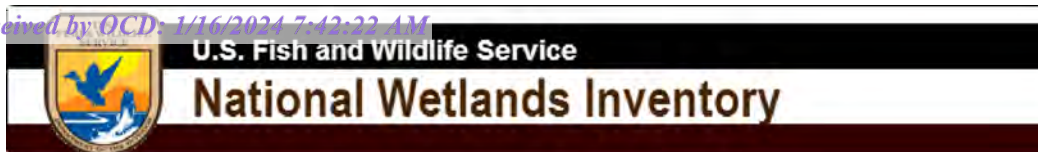
Mesquite Booster Pump

## Legend

-  0.5 Mile Radius
-  300 Feet Radius
-  Mesquite Booster Pump







## Wetlands



October 9, 2023

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

- Lake
- Other
- Riverine

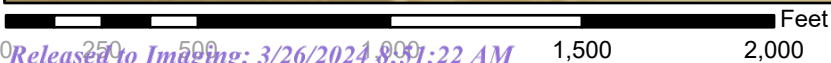
This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



# National Flood Hazard Layer FIRMette



103°35'3"W 32°15'37"N



1:6,000

103°34'26"W 32°15'6"N

## Legend

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

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



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

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

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **10/9/2023 at 3:39 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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



## OCD Well Locations



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

Wells - Large Scale



Gas, Cancelled



Oil, Active

• Oil, Cancelled

• Oil, Plugged

Karst Occurrence Potential



Low

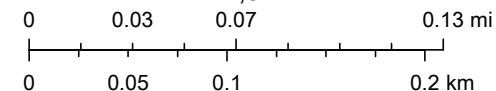


PLSS Second Division



PLSS First Division

1:4,514



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

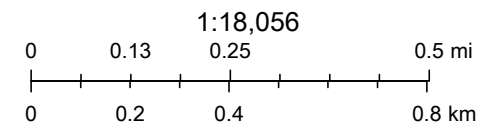
New Mexico Oil Conservation Division

# OSE POD Location Map



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

- |                 |                       |                         |                              |
|-----------------|-----------------------|-------------------------|------------------------------|
| Override 1      | Plugged               | Water Right Regulations | New Mexico State Trust Lands |
| GIS WATERS PODs | OSE District Boundary | Closure Area            | Both Estates                 |
| Active          |                       | SiteBoundaries          |                              |



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

Online web user

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





# WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

[www.ose.state.nm.us](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-4707			
	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 15	SECONDS 14.18	N	* ACCURACY REQUIRED: ONE TENTH OF A SECOND		
		LONGITUDE 103	35	1.32	W	* DATUM REQUIRED: WGS 84		
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE SW SW SW Sec.33 T23S R33E NMPM								
2. DRILLING & CASING INFORMATION	LICENSE NO. 1249		NAME OF LICENSED DRILLER Jackie D. Atkins			NAME OF WELL DRILLING COMPANY Atkins Engineering Associates, Inc.		
	DRILLING STARTED 4/11/23	DRILLING ENDED 4/12/23	DEPTH OF COMPLETED WELL (FT) Temporary Well Material		BORE HOLE DEPTH (FT) ±101	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 4/18/2023		
	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	101	±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-4707	POD NO. 1	TRN NO. 742696
LOCATION 235.336.33 4 3 3	WELL TAG ID NO. NA	PAGE 1 OF 2



## **TABLES**

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (C6-C35)		
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg		20,000 mg/kg
Initial Assessment Horizontal Samples														
H-1	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
H-2	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
H-3	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
H-4	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16	
H-5	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
H-6	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
H-7	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
H-8	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
H-9	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48	
H-10	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
H-11	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	
H-12	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
H-13	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112	
H-14	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64	
H-15	2/9/2023	0-0.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112	
Initial Assessment Vertical Samples														
S-1	2/9/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	90.3	3930	4020.3	430	4450.3	4400	
	2/9/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	38	38	59.4	97.4	5600	
	2/9/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	101	101	34.6	135.6	6400	
	2/9/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	95	95	27.5	122.5	5280	
	2/9/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.2	22.2	<10.0	22.2	4800	
	2/9/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.6	10.6	<10.0	10.6	4320	
	2/9/2023	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.1	22.1	<10.0	22.1	8930	
	2/9/2023	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4480	
S-2	2/9/2023	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3280	
	2/9/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	990	990	263	1253	7860	
	2/9/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	30.4	30.4	<10.0	30.4	6400	
	2/9/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7460	
	2/9/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7200	
	2/9/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9860	
	2/9/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	17.2	17.2	<10.0	17.2	11000	
	2/9/2023	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9800	
S-3	2/9/2023	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4630	
	2/9/2023	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2880	
	2/9/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	1030	1030	229	1259	13100	
	2/9/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.8	15.8	<10.0	15.8	2400	
	2/9/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.8	16.8	<10.0	16.8	1280	

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (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 >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
S-3	2/9/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.8	18.8	<10.0	18.8	416
	2/9/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.4	21.4	<10.0	21.4	256
	2/9/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.9	16.9	<10.0	16.9	160
	2/9/2023	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
	2/9/2023	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
	2/9/2023	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
S-4	2/9/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	14000
	2/9/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1280
	2/9/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
	2/9/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	2/9/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48
	2/9/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	2/9/2023	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96
	2/9/2023	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
2/9/2023	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144	
S-5	2/9/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	13600
	2/9/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3840
	2/9/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5200
	2/9/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4240
	2/9/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4320
	2/9/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2480
	2/9/2023	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	976
	2/9/2023	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	960
2/9/2023	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560	
S-6	2/9/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	471	7510	7981	1130	9111	7060
	2/9/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	200	200	95	295	8000
	2/9/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	39.3	39.3	19.5	58.8	7060
	2/9/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	30.2	30.2	<10.0	30.2	3600
	2/9/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.9	14.9	<10.0	14.9	7040
	2/9/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4960
	2/9/2023	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.7	10.7	<10.0	10.7	1040
	2/9/2023	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
2/9/2023	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	84.5	84.5	<10.0	84.5	688	
S-7	2/9/2023	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	798	798	254	1052	20400
	2/9/2023	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	20.8	20.8	160
	2/9/2023	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
	2/9/2023	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4320
	2/9/2023	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7060



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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (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 >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg
S-7	2/9/2023	5-5.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11800
	2/9/2023	6-6.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11800
	2/9/2023	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4480
	2/9/2023	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3360
S-8	2/9/2023	0.5-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5280
	2/9/2023	1.5-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5360
	2/9/2023	2.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7330
	2/9/2023	3.5-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7860
	2/9/2023	4.5-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7400
	2/9/2023	5.5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3600
	2/9/2023	6.5-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	400
	2/9/2023	7.5-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
	2/9/2023	8-8.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
	S-9	2/9/2023	0.5-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0
2/9/2023		1.5-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1040
2/9/2023		2.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000
2/9/2023		3.5-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2240
2/9/2023		4.5-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5060
2/9/2023		5.5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.2	21.2	<10.0	21.2	4640
2/9/2023		6.5-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4480
2/9/2023		7.5-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8640
S-10	2/9/2023	0.5-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	87.8	87.8	13.8	101.6	3920
	2/9/2023	1.5-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3200
	2/9/2023	2.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4720
	2/9/2023	3.5-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4960
	2/9/2023	4.5-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	22.3	22.3	<10.0	22.3	7360
	2/9/2023	5.5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8200
	2/9/2023	6.5-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	8000
	2/9/2023	7.5-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.1	28.1	<10.0	28.1	7200
S-11	2/9/2023	0.5-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4000
	2/9/2023	1.5-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	672
	2/9/2023	2.5-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	848
	2/9/2023	3.5-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3840
	2/9/2023	4.5-5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	30.8	30.8	<10.0	30.8	6240
	2/9/2023	5.5-6'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	7460
	2/9/2023	6.5-7'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6000
	2/9/2023	7.5-8'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2200

**Table 1**  
**Summary of Soil Analytical Data - Delineation Samples**  
**Mesquite Booster Pump**  
**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 TPH (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg

## Notes:

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

 Sample Point Excavated

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

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

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

9. --- Not Analyzed

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (C6-C35)		
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg		20,000 mg/kg
Confirmation Base Samples														
CS-1	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1940	
CS-2	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	6540	
CS-3	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	393	
CS-4	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	9710	
CS-5	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	387	
CS-6	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	22200	
	8/11/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	4160	
CS-7	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	13900	
CS-8	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	17900	
CS-9	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	319	
CS-10	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	68	
CS-11	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	15700	
CS-12	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2600	
CS-13	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	31900	
	8/11/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	6800	
CS-14	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	8490	
CS-15	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-16	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	395	
CS-17	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	741	
CS-18	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	46.9	
CS-19	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	10800	
CS-20	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	9460	
CS-21	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	198	
CS-22	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1180	
CS-23	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	22600	
	8/11/2023	5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3600	
CS-24	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2610	
CS-25	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1170	
CS-26	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	149	
CS-27	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1800	
CS-28	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	4830	
CS-29	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2670	
CS-30	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	768	
CS-31	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2950	
CS-32	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	409	
CS-33	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	3310	
CS-34	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	7840	

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (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 >100 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg			
CS-35	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	8450
CS-36	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1400
CS-37	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	849
CS-38	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1090
CS-39	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	35.1
CS-40	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2990
CS-41	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	4920
CS-42	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	10300
CS-43	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	545
CS-44	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	15800
CS-45	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	1610
CS-46	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
CS-47	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	74
CS-48	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	7590
CS-49	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	352
CS-50	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2240
CS-51	8/1/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2520
CS-52	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3200
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3640
CS-53	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3760
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3200
CS-54	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	32.8	32.8	<10.0	32.8	2120
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3640
CS-55	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2960
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3720
CS-56	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3840
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2400
CS-57	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3320
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2600
CS-58	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	11600
CS-59	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-60	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	5440
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	13600
CS-61	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3760
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16400
CS-62	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2520
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3200

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

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (C6-C35)		
			Table I Closure Criteria for Soil >100 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg		20,000 mg/kg
CS-63	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112	
CS-64	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256	
CS-65	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	9200	
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2000	
CS-66	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	3280	
	8/11/2023	4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2600	
CS-67	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432	
CS-68	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432	
CS-69	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.5	37.5	45.9	83.4	192	
CS-70	8/1/2023	3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
CS-71	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-72	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-73	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-74	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-75	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-76	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-77	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-78	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-79	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-80	7/27/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-81	7/27/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-82	7/27/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-83	7/27/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-84	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-85	7/27/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-86	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-87	7/27/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-88	7/27/2023	3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-89	7/27/2023	2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-90	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-91	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
CS-92	7/27/2023	4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0	
Confirmation Sidewall Samples														
SW-1	7/27/2023	0-3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	42.1	
SW-2	7/27/2023	0-3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	22.8	
SW-3	7/27/2023	0-3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	31.4	
SW-4	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	3260	
SW-4A	8/11/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32	

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Mesquite Booster Pump  
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Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total TPH (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 >100 feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	1,000 mg/kg	---	2,500 mg/kg	20,000 mg/kg			
SW-5	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2580
SW-5A	8/11/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-6	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	719
SW-6A	8/11/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-7	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SW-8	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SW-9	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	132
SW-10	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	7270
SW-10A	8/11/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-11	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	9500
SW-11A	8/11/2023	0-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-12	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SW-13	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	241
SW-14	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	40.6
SW-15	7/27/2023	0-4'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SW-16	7/27/2023	0-3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	132
SW-17	7/27/2023	0-3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	9370
SW-17A	8/11/2023	0-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-18	7/27/2023	0-2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	2470
SW-18A	8/11/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-19	7/27/2023	0-2'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	3190
SW-19A	8/11/2023	0-2'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-20	7/27/2023	0-3'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	266
SW-21	8/11/2023	2-3'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-22	8/11/2023	3-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-23	8/11/2023	3-4'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
SW-24	12/4/2023	4-5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SW-25	12/4/2023	4-5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0
SW-26	12/4/2023	4-5'	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<20.0	<25.0	<25.0	<50.0	<50.0	<20.0

## Notes:

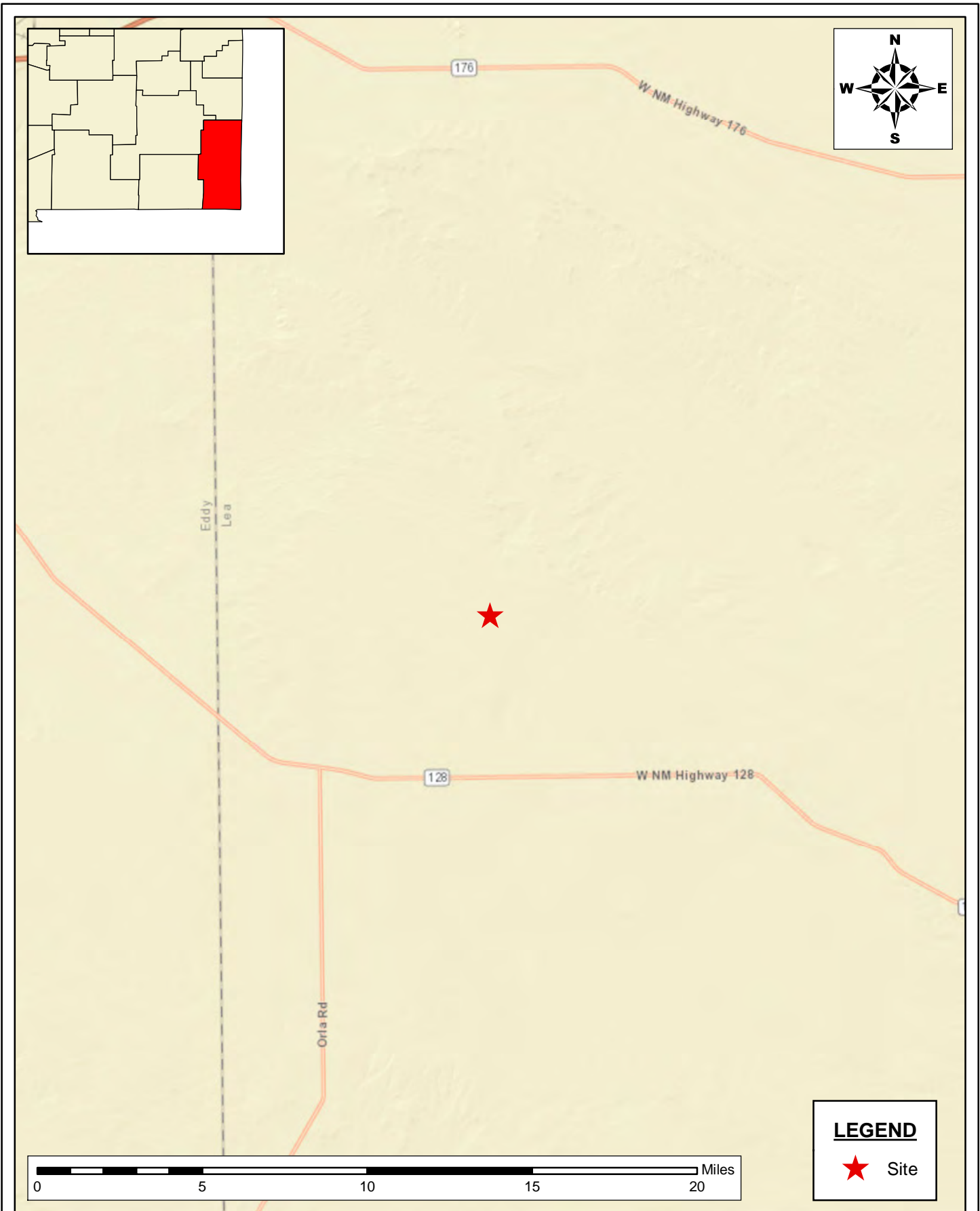
- Values reported in mg/kg
- < = Value Less Than Reporting Limit (RL)
- Bold indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B
- TPH analyses by EPA Method SW 8015 Mod.
- GRO/DRO/MRO - Gasoline/Diesel/Motor Oil
- Yellow shaded cells indicate analytical samples that exceed the NMAC 19.15.29.12 Table I Closure Criteria for the site.
- 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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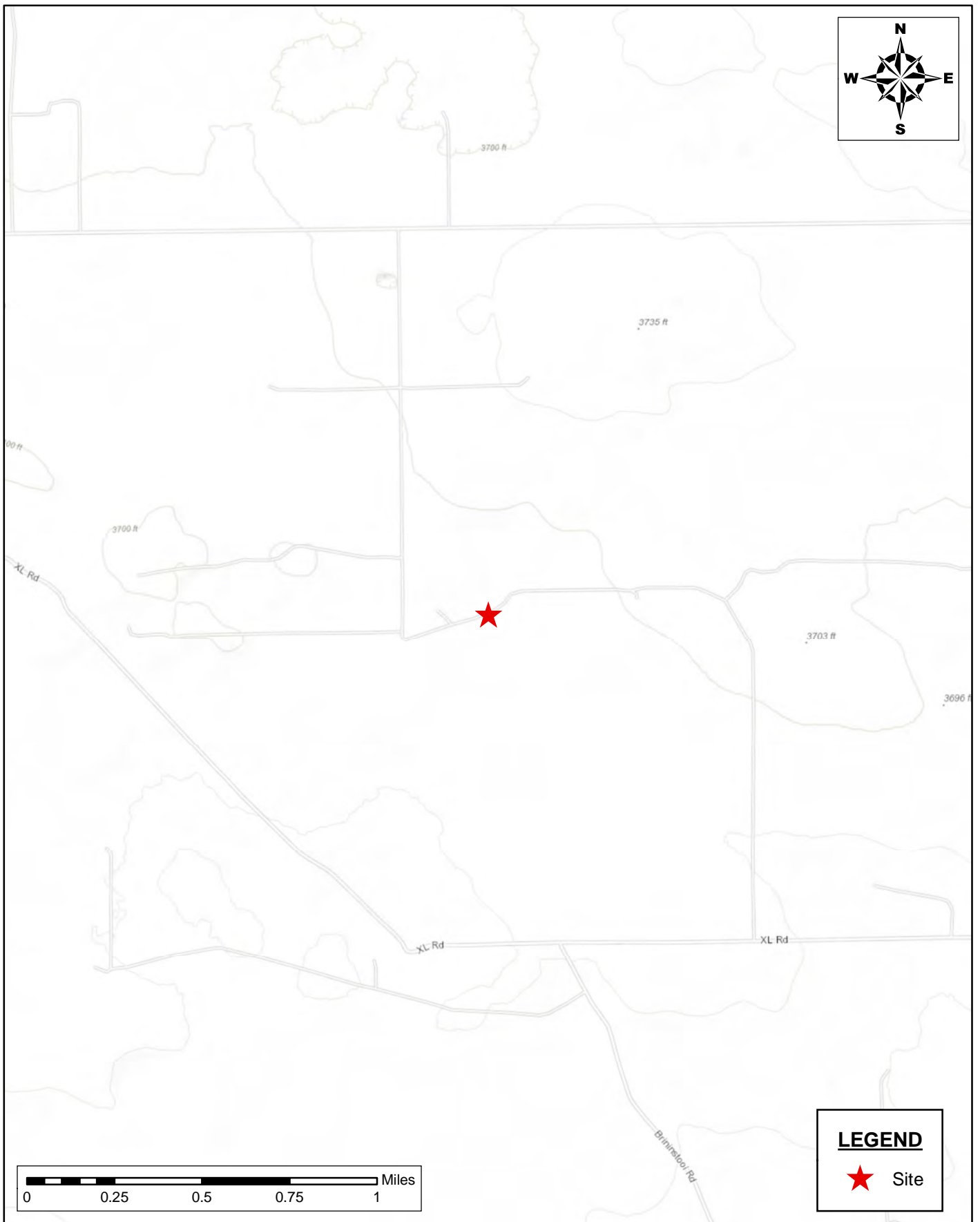
Document Path: P:\2023 PROJECTS\DEVON\IRSO\236829 - MESQUITE BOOSTER LINE (1-10-23)\7-Figures\GIS\Figure\_1\_SL\_DH.mxd



<p><b>SITE LOCATION MAP</b>  <b>CLOSURE REPORT</b>                  DEVON ENERGY PRODUCTION COMPANY                  MESQUITE BOOSTER PUMP                  LEA COUNTY, NEW MEXICO                  32.2560156, -103.5790506</p>	<p>  <b>New Tech Global Environmental, LLC</b>                  911 Regional Park Drive                  Houston, Texas 77060                  T - 281.872.9300                  F - 281.872.4521                  Web: www.ntgenviroinmental.com</p>	<p><b>NOTES:</b>                  1. Base Image: ESRI Maps &amp; Data 2013                  2. Map Projection: NAD 1983</p>	<p>DRAWING NUMBER:  <b>FIGURE 1</b>                  SHEET NUMBER:  <b>1 of 1</b></p>
<p>SCALE: As Shown</p>	<p>Date: 1/27/2023</p>	<p>PROJECT #:236829</p>	



Document Path: P:\2023 PROJECTS\DEVON\RSO\236829 - MESQUITE BOOSTER LINE (1-10-23)\7 - Figures\GIS\Figure\_2\_TM\_DH.mxd

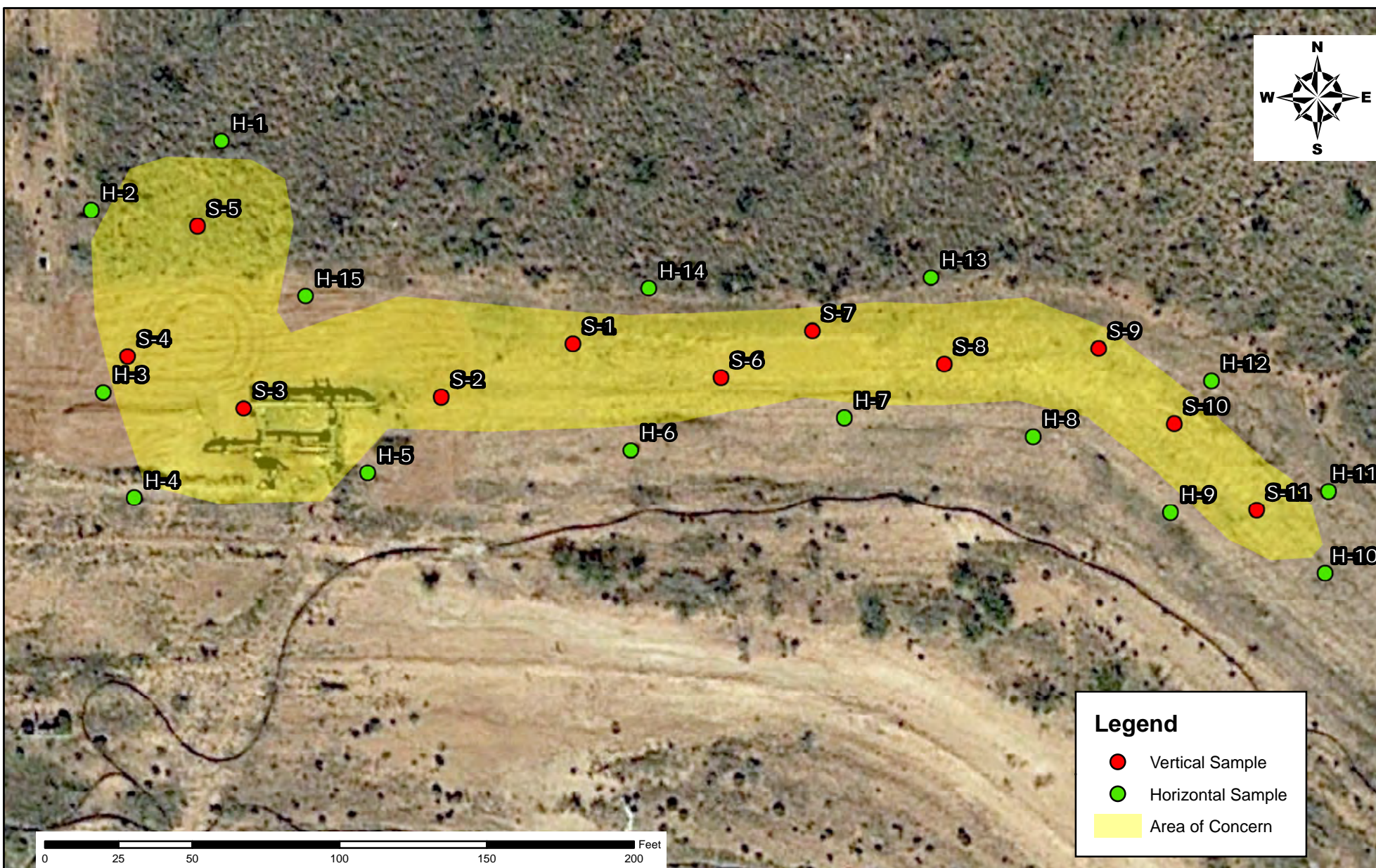


<b>TOPOGRAPHIC MAP</b> CLOSURE REPORT DEVON ENERGY PRODUCTION COMPANY MESQUITE BOOSTER PUMP LEA COUNTY, NEW MEXICO 32.2560156, -103.5790506		
SCALE: As Shown	Date: 1/27/2023	PROJECT #:236829

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

<b>NOTES:</b> 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983
--

DRAWING NUMBER: <b>FIGURE 2</b>
SHEET NUMBER: <b>1 of 1</b>



### Legend

- Vertical Sample
- Horizontal Sample
- Area of Concern

1 of 1	SHEET NUMBER	DRAWING NUMBER <b>FIGURE 3</b>	<b>SITE ASSESSMENT MAP</b> CLOSURE REPORT DEVON ENERGY PRODUCTION COMPANY MESQUITE BOOSTER PUMP LEA COUNTY, NEW MEXICO 32.2560156, -103.5790506	
			SCALE: As Shown      Date: 12/14/2023      PROJECT #: 236829	

**New Tech Global Environmental, LLC**  
 911 Regional Park Drive  
 Houston, Texas 77060  
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 F - 281.872.4521  
 Web: [www.ntgenviromental.com](http://www.ntgenviromental.com)

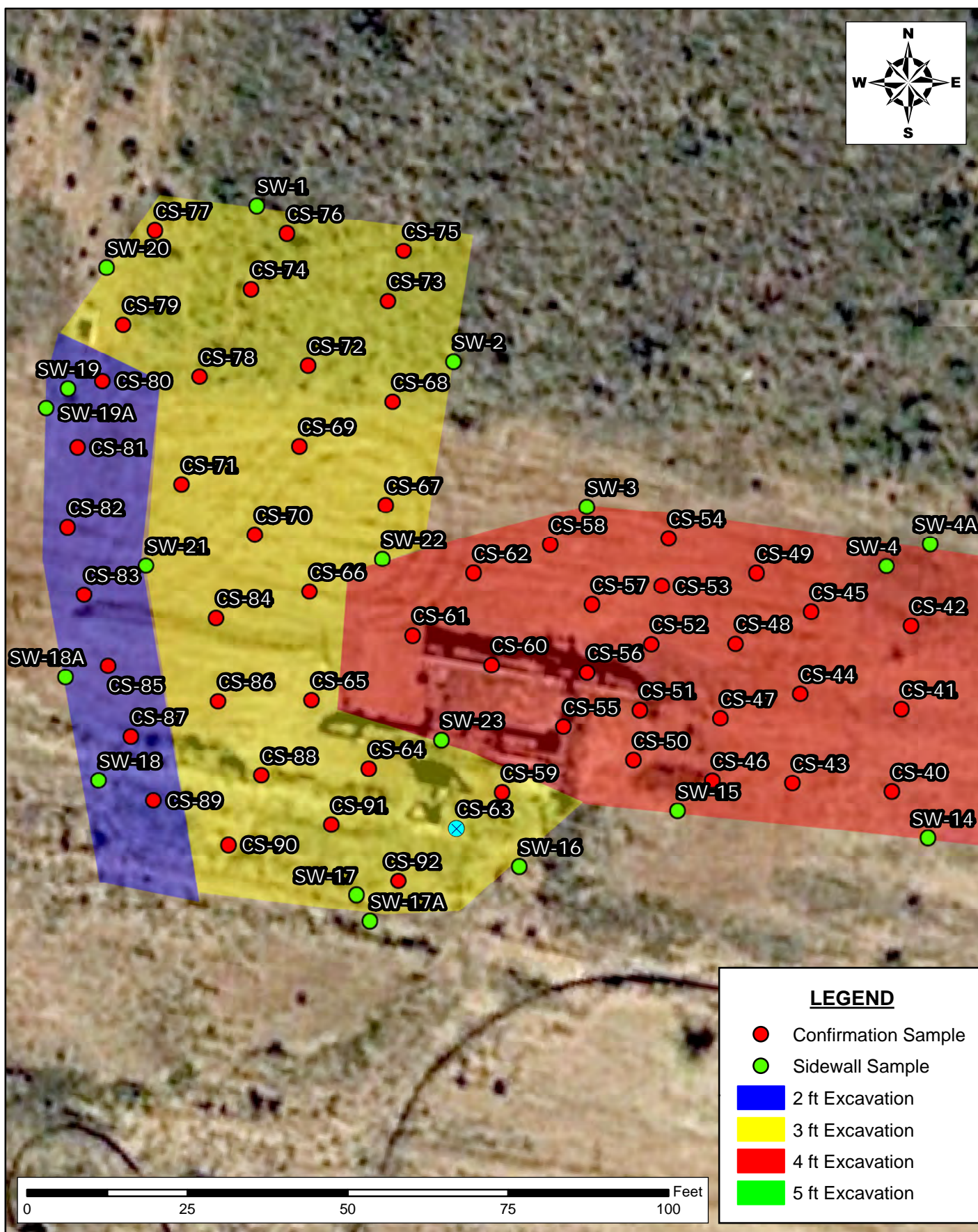


### NOTES:

1. Base Image: ESRI Maps & Data 2013
2. Map Projection: NAD 1983 UTM Zone 13N



Document Path: C:\Users\ntg\Documents\2023 PROJECTS\DEVON\NRSC\236829 - MESQUITE BOOSTER LINE (1.10.23)\7- Figures\GIS\Figure\_4.mxd



**CONFIRMATION SAMPLING MAP**  
 CLOSURE REPORT  
 DEVON ENERGY PRODUCTION COMPANY  
 MESQUITE BOOSTER PUMP  
 LEA COUNTY, NEW MEXICO  
 32.2560156, -103.5790506

SCALE: AS SHOWN    DATE: 12/14/2023    PROJECT #: 236829



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

**NOTES:**

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

DRAWING NUMBER:

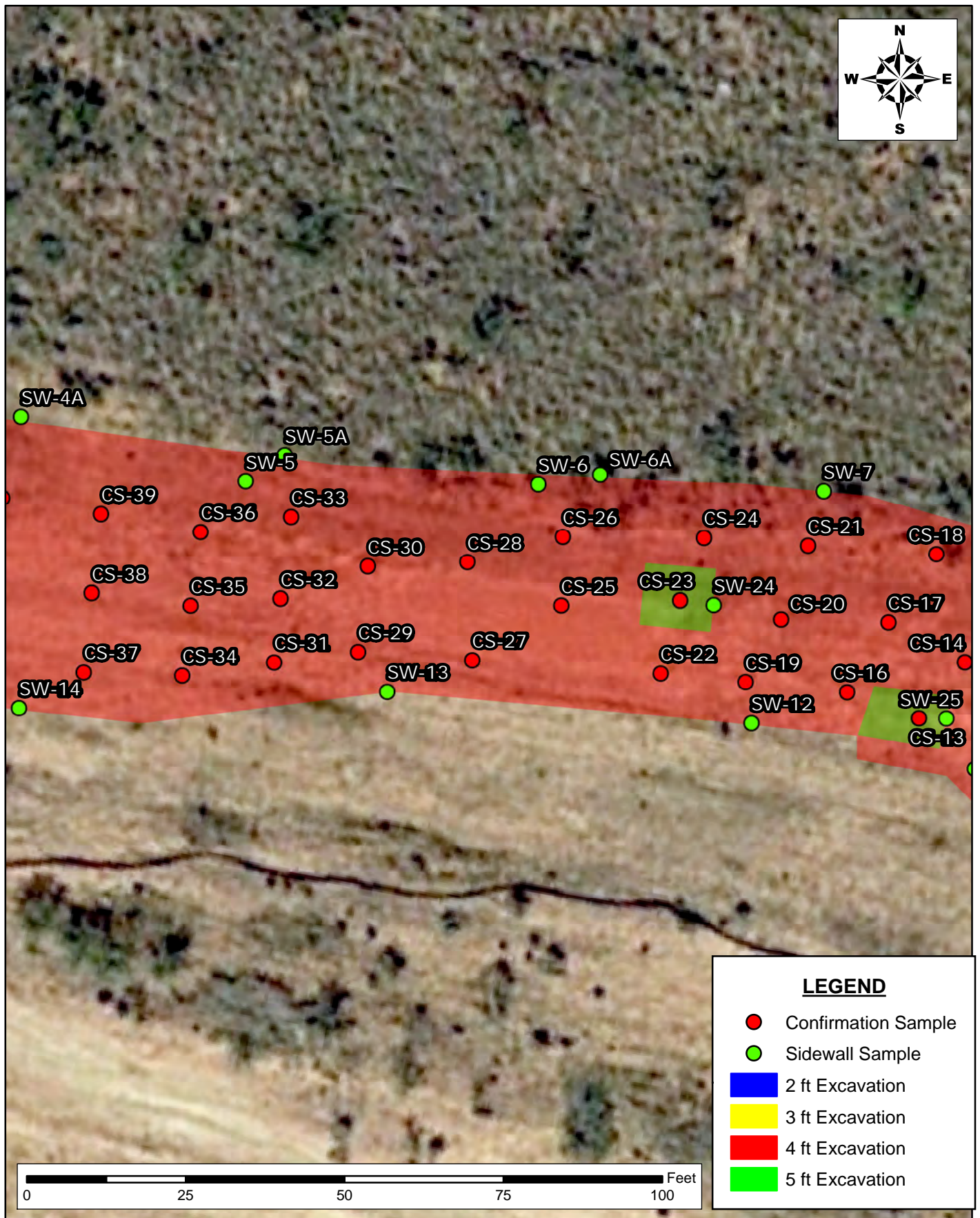
**FIGURE 4A**

SHEET NUMBER:

**1 of 1**



Document Path: C:\Users\ntg\Documents\2023 PROJECTS\DEVONRSC\236829 - MESQUITE BOOSTER LINE (1.10.23)\7- Figures\GIS\Figure\_4.mxd



**CONFIRMATION SAMPLING MAP**  
 CLOSURE REPORT  
 DEVON ENERGY PRODUCTION COMPANY  
 MESQUITE BOOSTER PUMP  
 LEA COUNTY, NEW MEXICO  
 32.2560156, -103.5790506

SCALE: AS SHOWN

DATE: 12/14/2023

PROJECT #: 236829



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

**NOTES:**

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

DRAWING NUMBER:

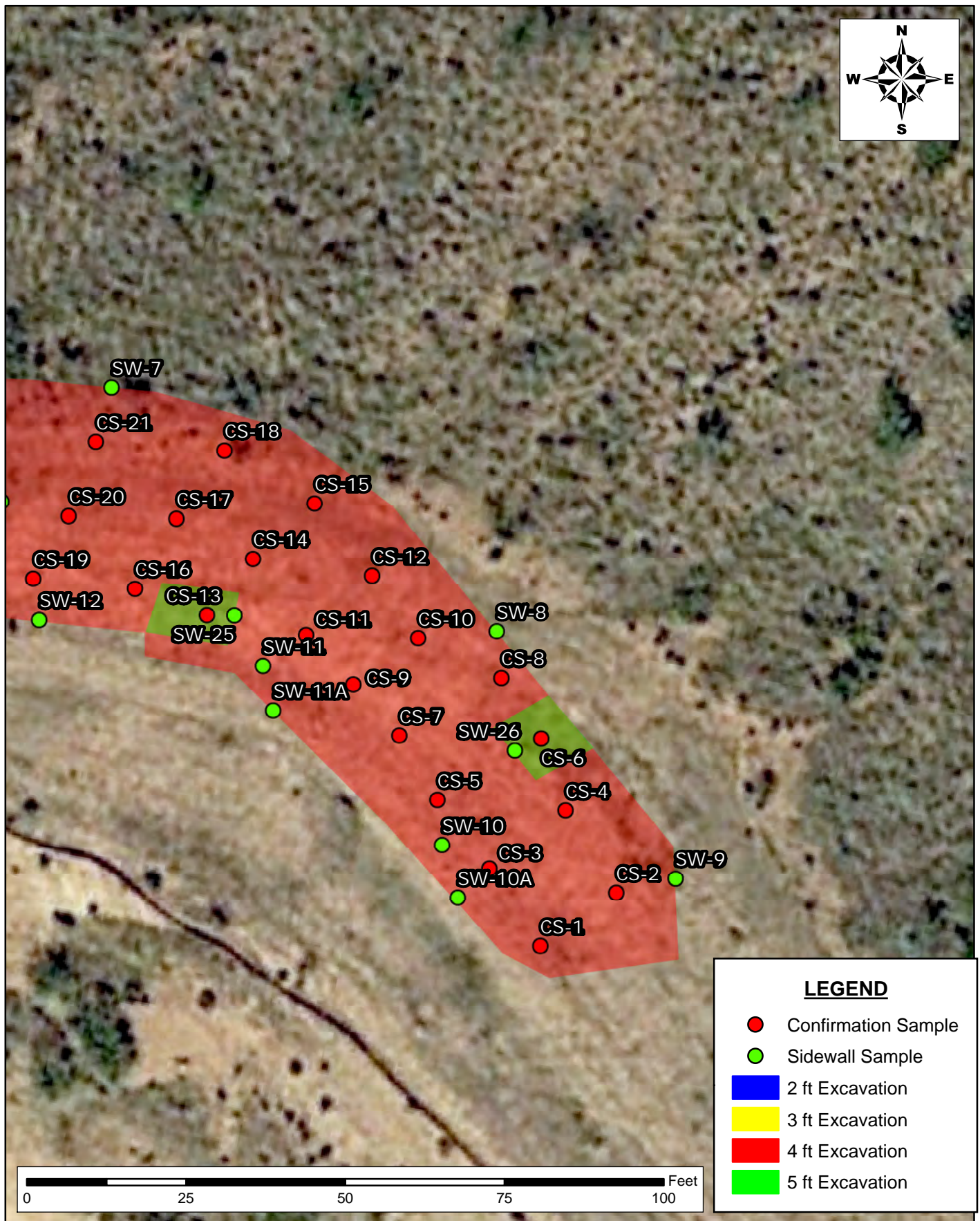
**FIGURE 4B**

SHEET NUMBER:

**1 of 1**



Document Path: C:\Users\ntg\Documents\2023 PROJECTS\DEVONRSC\236829 - MESQUITE BOOSTER LINE (1.10.23)\7- Figures\GIS\Figure\_4.mxd



**CONFIRMATION SAMPLING MAP**  
 CLOSURE REPORT  
 DEVON ENERGY PRODUCTION COMPANY  
 MESQUITE BOOSTER PUMP  
 LEA COUNTY, NEW MEXICO  
 32.2560156, -103.5790506

SCALE: AS SHOWN    DATE: 12/14/2023    PROJECT #: 236829



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

**NOTES:**

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

DRAWING NUMBER:

**FIGURE 4C**

SHEET NUMBER:

**1 of 1**

## **PHOTOGRAPHIC LOG**

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## PHOTOGRAPHIC LOG

### Devon Energy Production Company

**Photograph No. 1**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

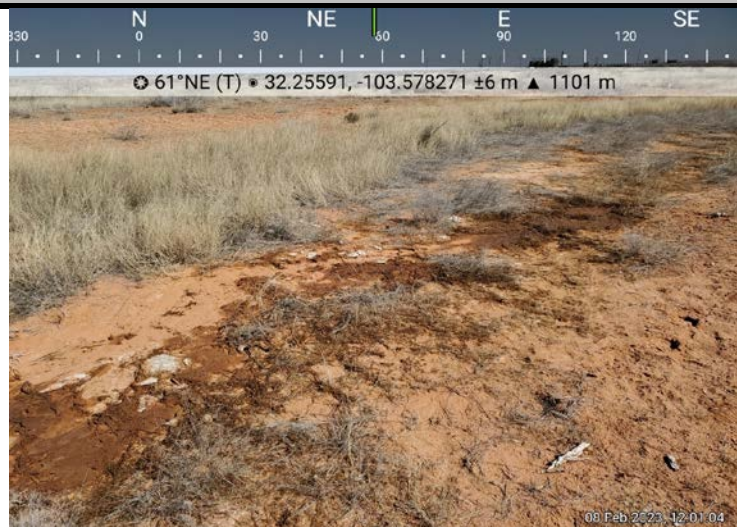
**Description:**  
View of the impacted area.

**Photograph No. 2**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the impacted area.

**Photograph No. 3**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the impacted area.



## PHOTOGRAPHIC LOG

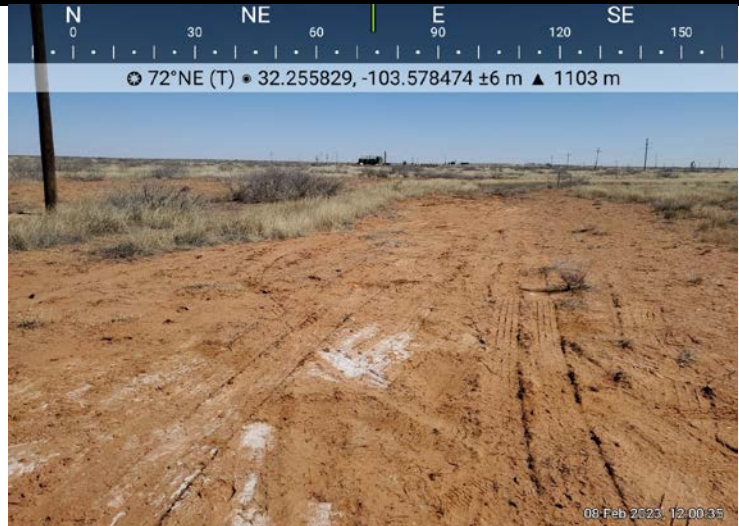
### Devon Energy Production Company

**Photograph No. 4**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the impacted area.

**Photograph No. 5**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the impacted area.

**Photograph No. 6**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the impacted area.





## PHOTOGRAPHIC LOG

Devon Energy Production Company

**Photograph No. 7**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.

**Photograph No. 8**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.

**Photograph No. 9**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.





## PHOTOGRAPHIC LOG

Devon Energy Production Company

**Photograph No. 10**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.

**Photograph No. 11**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.

**Photograph No. 12**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.



## PHOTOGRAPHIC LOG

### Devon Energy Production Company

---

**Photograph No. 13**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.



---

**Photograph No. 14**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.



---

**Photograph No. 15**

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.





## PHOTOGRAPHIC LOG

### Devon Energy Production Company

#### Photograph No. 16

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.



#### Photograph No. 17

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.

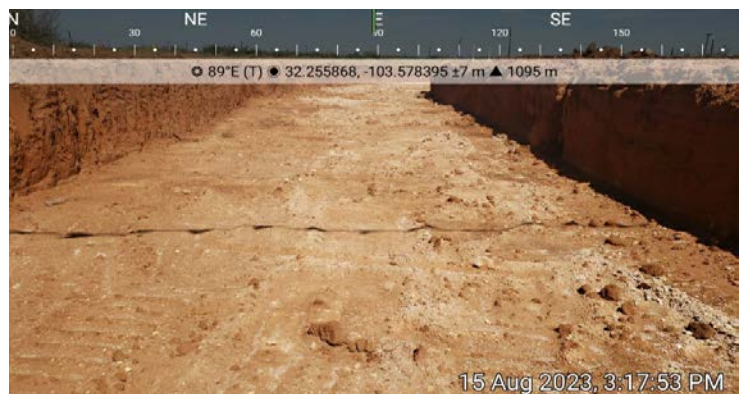


#### Photograph No. 18

**Facility:** Mesquite Booster Pump

**County:** Lea County, New Mexico

**Description:**  
View of the excavation.



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



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

February 15, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESQUITE BOOSTER LINE

Enclosed are the results of analyses for samples received by the laboratory on 02/09/23 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 0-1 (H230609-01)**

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/13/2023	ND	2.09	105	2.00	0.137		
Toluene*	<0.050	0.050	02/13/2023	ND	2.07	103	2.00	0.973		
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.03	101	2.00	0.570		
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.15	103	6.00	0.438		
Total BTEX	<0.300	0.300	02/13/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 124 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	4400	16.0	02/14/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	90.3	10.0	02/13/2023	ND	204	102	200	2.96	
DRO >C10-C28*	3930	10.0	02/13/2023	ND	197	98.7	200	3.01	
EXT DRO >C28-C36	430	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 142 % 48.2-134

Surrogate: 1-Chlorooctadecane 152 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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

**Analytical Results For:**

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

Received: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 1-1.5 (H230609-02)**

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	02/13/2023	ND	2.09	105	2.00	0.137		
Toluene*	<0.050	0.050	02/13/2023	ND	2.07	103	2.00	0.973		
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.03	101	2.00	0.570		
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.15	103	6.00	0.438		
Total BTX	<0.300	0.300	02/13/2023	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	5600	16.0	02/14/2023	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	02/13/2023	ND	204	102	200	2.96	
DRO >C10-C28*	38.0	10.0	02/13/2023	ND	197	98.7	200	3.01	
EXT DRO >C28-C36	59.4	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 2-2.5 (H230609-03)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/13/2023	ND	2.09	105	2.00	0.137	
Toluene*	<0.050	0.050	02/13/2023	ND	2.07	103	2.00	0.973	
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.03	101	2.00	0.570	
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.15	103	6.00	0.438	
Total BTEX	<0.300	0.300	02/13/2023	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	6400	16.0	02/14/2023	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	02/13/2023	ND	204	102	200	2.96	
DRO >C10-C28*	101	10.0	02/13/2023	ND	197	98.7	200	3.01	
EXT DRO >C28-C36	34.6	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 3-3.5 (H230609-04)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/13/2023	ND	2.09	105	2.00	0.137		
Toluene*	<0.050	0.050	02/13/2023	ND	2.07	103	2.00	0.973		
Ethylbenzene*	<0.050	0.050	02/13/2023	ND	2.03	101	2.00	0.570		
Total Xylenes*	<0.150	0.150	02/13/2023	ND	6.15	103	6.00	0.438		
Total BTEX	<0.300	0.300	02/13/2023	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	5280	16.0	02/14/2023	ND	448	112	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	204	102	200	2.96	
DRO >C10-C28*	95.0	10.0	02/13/2023	ND	197	98.7	200	3.01	
EXT DRO >C28-C36	27.5	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 117 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 4-4.5 (H230609-05)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2023	ND	2.12	106	2.00	16.5	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2	
Total BTEX	<0.300	0.300	02/14/2023	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	4800	16.0	02/14/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	22.2	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.4 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 5-5.5 (H230609-06)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2023	ND	2.12	106	2.00	16.5	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2	
Total BTEx	<0.300	0.300	02/14/2023	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	4320	16.0	02/14/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	10.6	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.0 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 6-6.5 (H230609-07)**

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	02/14/2023	ND	2.12	106	2.00	16.5	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2	
Total BTX	<0.300	0.300	02/14/2023	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	8930	16.0	02/14/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	22.1	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 7-7.5 (H230609-08)**

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	02/14/2023	ND	2.12	106	2.00	16.5	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2	
Total BTX	<0.300	0.300	02/14/2023	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	4480	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 1 8-8.5 (H230609-09)**

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	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTX	<0.300	0.300	02/14/2023	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	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 115 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 0-1 (H230609-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTEx	<0.300	0.300	02/14/2023	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	7860	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	990	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	263	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 176 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 1-1.5 (H230609-11)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTEx	<0.300	0.300	02/14/2023	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	6400	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	30.4	10.0	02/14/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 135 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 2-2.5 (H230609-12)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTEx	<0.300	0.300	02/14/2023	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	7460	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 3-3.5 (H230609-13)**

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	02/14/2023	ND	2.12	106	2.00	16.5	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2	
Total BTX	<0.300	0.300	02/14/2023	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	7200	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 4-4.5 (H230609-14)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTEX	<0.300	0.300	02/14/2023	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	9860	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 5-5.5 (H230609-15)**

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	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTX	<0.300	0.300	02/14/2023	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	11000	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	17.2	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 111 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 6-6.5 (H230609-16)**

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	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTX	<0.300	0.300	02/14/2023	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	9800	16.0	02/14/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 109 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 7-7.5 (H230609-17)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTEx	<0.300	0.300	02/14/2023	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	4630	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 118 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 2 8-8.5 (H230609-18)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTEX	<0.300	0.300	02/14/2023	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	2880	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 0-1 (H230609-19)**

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	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTX	<0.300	0.300	02/14/2023	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	13100	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	1030	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	229	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 167 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 1-1.5 (H230609-20)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTEX	<0.300	0.300	02/14/2023	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	2400	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	15.8	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 97.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 2-2.5 (H230609-21)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2023	ND	2.12	106	2.00	16.5	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2	
Total BTEx	<0.300	0.300	02/14/2023	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	1280	16.0	02/14/2023	ND	448	112	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	16.8	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 99.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 3-3.5 (H230609-22)**

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	02/14/2023	ND	2.12	106	2.00	16.5	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2	
Total BTX	<0.300	0.300	02/14/2023	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	416	16.0	02/14/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	18.8	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.0 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 4-4.5 (H230609-23)**

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	02/14/2023	ND	2.12	106	2.00	16.5	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2	
Total BTX	<0.300	0.300	02/14/2023	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	256	16.0	02/14/2023	ND	448	112	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	21.4	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.2 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 5-5.5 (H230609-24)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.12	106	2.00	16.5		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	16.5		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.03	102	2.00	17.1		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.19	103	6.00	17.2		
Total BTEx	<0.300	0.300	02/14/2023	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	160	16.0	02/14/2023	ND	448	112	400	3.64	QR-03	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	194	97.2	200	3.13	
DRO >C10-C28*	16.9	10.0	02/13/2023	ND	194	96.9	200	1.83	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 83.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 60.8 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 6-6.5 (H230609-25)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	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	128	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 7-7.5 (H230609-26)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	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	208	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 3 8-8.5 (H230609-27)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	80.0	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 100 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 0-1 (H230609-28)**

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	02/14/2023	ND	2.20	110	2.00	14.7	
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5	
Total BTX	<0.300	0.300	02/14/2023	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	14000	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 102 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 1-1.5 (H230609-29)**

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	02/14/2023	ND	2.20	110	2.00	14.7	
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5	
Total BTX	<0.300	0.300	02/14/2023	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	1280	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 96.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 2-2.5 (H230609-30)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	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	160	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 3-3.5 (H230609-31)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	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	80.0	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 4-4.5 (H230609-32)**

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	02/14/2023	ND	2.20	110	2.00	14.7	
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5	
Total BTX	<0.300	0.300	02/14/2023	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	48.0	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.2 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 5-5.5 (H230609-33)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	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	80.0	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 6-6.5 (H230609-34)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEX	<0.300	0.300	02/14/2023	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	96.0	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 86.3 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 7-7.5 (H230609-35)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	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	112	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 4 8-8.5 (H230609-36)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	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	144	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.0 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 0-1 (H230609-37)**

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	02/14/2023	ND	2.20	110	2.00	14.7	
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5	
Total BTX	<0.300	0.300	02/14/2023	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	13600	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 1-1.5 (H230609-38)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEX	<0.300	0.300	02/14/2023	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	3840	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 93.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 2-2.5 (H230609-39)**

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	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTX	<0.300	0.300	02/14/2023	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	5200	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 90.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 3-3.5 (H230609-40)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	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	4240	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 94.2 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 4-4.5 (H230609-41)**

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	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEX	<0.300	0.300	02/14/2023	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	4320	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 92.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 5-5.5 (H230609-42)**

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	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	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	2480	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.3 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 6-6.5 (H230609-43)**

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	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	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	976	16.0	02/14/2023	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	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 7-7.5 (H230609-44)**

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	02/14/2023	ND	2.20	110	2.00	14.7		
Toluene*	<0.050	0.050	02/14/2023	ND	2.20	110	2.00	15.2		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.17	108	2.00	14.7		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.54	109	6.00	14.5		
Total BTEx	<0.300	0.300	02/14/2023	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	960	16.0	02/14/2023	ND	432	108	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	211	106	200	3.61	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	198	99.1	200	2.54	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 101 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 5 8-8.5 (H230609-45)**

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	02/14/2023	ND	2.08	104	2.00	9.59		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49		
Total BTEx	<0.300	0.300	02/14/2023	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	560	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.1 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 6 0-1 (H230609-46)**

BTEx 8021B		mg/kg	Analyzed By: JH/					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/14/2023	ND	2.08	104	2.00	9.59	
Toluene*	<b>0.226</b>	0.050	02/14/2023	ND	2.09	105	2.00	8.01	
Ethylbenzene*	<b>0.901</b>	0.050	02/14/2023	ND	2.05	102	2.00	7.58	
Total Xylenes*	<b>9.95</b>	0.150	02/14/2023	ND	6.32	105	6.00	7.49	
Total BTEX	<b>11.1</b>	0.300	02/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 160 % 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	<b>7060</b>	16.0	02/14/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg	Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<b>471</b>	10.0	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<b>7510</b>	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<b>1130</b>	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 200 % 48.2-134

Surrogate: 1-Chlorooctadecane 181 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 6 1-1.5 (H230609-47)**

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	02/14/2023	ND	2.08	104	2.00	9.59		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49		
Total BTX	<0.300	0.300	02/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8000	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	200	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	95.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 95.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 6 2-2.5 (H230609-48)**

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	02/14/2023	ND	2.08	104	2.00	9.59		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49		
Total BTEX	<0.300	0.300	02/14/2023	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	7060	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	39.3	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	19.5	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 79.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 6 3-3.5 (H230609-49)**

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	02/14/2023	ND	2.08	104	2.00	9.59	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49	
Total BTEX	<0.300	0.300	02/14/2023	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	3600	16.0	02/14/2023	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	02/14/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	30.2	10.0	02/14/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 92.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 6 4-4.5 (H230609-50)**

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	02/14/2023	ND	2.08	104	2.00	9.59	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49	
Total BTX	<0.300	0.300	02/14/2023	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	7040	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	14.9	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 6 5-5.5 (H230609-51)**

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	02/14/2023	ND	2.08	104	2.00	9.59	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49	
Total BTX	<0.300	0.300	02/14/2023	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	4960	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 6 6-6.5 (H230609-52)**

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	02/14/2023	ND	2.08	104	2.00	9.59	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49	
Total BTX	<0.300	0.300	02/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	1040	16.0	02/14/2023	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	02/14/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	10.7	10.0	02/14/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 90.5 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 6 7-7.5 (H230609-53)**

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	02/14/2023	ND	2.08	104	2.00	9.59		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49		
Total BTEx	<0.300	0.300	02/14/2023	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	352	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 6 8-8.5 (H230609-54)**

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	02/14/2023	ND	2.08	104	2.00	9.59		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49		
Total BTEx	<0.300	0.300	02/14/2023	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	688	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	84.5	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 88.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 7 0-1 (H230609-55)**

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	02/14/2023	ND	2.08	104	2.00	9.59		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49		
Total BTEx	<0.300	0.300	02/14/2023	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	20400	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	798	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	254	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 7 1-1.5 (H230609-56)**

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	02/14/2023	ND	2.08	104	2.00	9.59	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49	
Total BTX	<0.300	0.300	02/14/2023	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	160	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	20.8	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 7 2-2.5 (H230609-57)**

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	02/14/2023	ND	2.08	104	2.00	9.59	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49	
Total BTX	<0.300	0.300	02/14/2023	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	640	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 66.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 7 3-3.5 (H230609-58)**

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	02/14/2023	ND	2.08	104	2.00	9.59		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49		
Total BTEx	<0.300	0.300	02/14/2023	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	4320	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 7 4-4.5 (H230609-59)**

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	02/14/2023	ND	2.08	104	2.00	9.59	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49	
Total BTX	<0.300	0.300	02/14/2023	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	7060	16.0	02/14/2023	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	02/14/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 91.4 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 7 5-5.5 (H230609-60)**

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	02/14/2023	ND	2.08	104	2.00	9.59		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49		
Total BTEx	<0.300	0.300	02/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	11800	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 7 6-6.5 (H230609-61)**

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	02/14/2023	ND	2.08	104	2.00	9.59	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49	
Total BTX	<0.300	0.300	02/14/2023	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	11800	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 7 7-7.5 (H230609-62)**

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	02/14/2023	ND	2.08	104	2.00	9.59	
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01	
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58	
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49	
Total BTX	<0.300	0.300	02/14/2023	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	4480	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 89.5 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 7 8-8.5 (H230609-63)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.08	104	2.00	9.59		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49		
Total BTEX	<0.300	0.300	02/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	3360	16.0	02/14/2023	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	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.4 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (.5-1) (H230609-64)**

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	02/14/2023	ND	2.08	104	2.00	9.59		
Toluene*	<0.050	0.050	02/14/2023	ND	2.09	105	2.00	8.01		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.05	102	2.00	7.58		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.32	105	6.00	7.49		
Total BTEx	<0.300	0.300	02/14/2023	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	5280	16.0	02/14/2023	ND	432	108	400	0.00	QM-07	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/13/2023	ND	188	94.1	200	2.33	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	214	107	200	3.18	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 89.4 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (1.5-2) (H230609-65)**

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	02/15/2023	ND	2.04	102	2.00	1.83		
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982		
Total BTX	<0.300	0.300	02/15/2023	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	5360	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (2.5-3) (H230609-66)**

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.04	102	2.00	1.83	
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982	
Total BTEX	<0.300	0.300	02/15/2023	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	7330	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 85.5 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (3.5-4) (H230609-67)**

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	02/15/2023	ND	2.04	102	2.00	1.83	
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982	
Total BTX	<0.300	0.300	02/15/2023	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	7860	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 104 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (4.5-5) (H230609-68)**

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	02/15/2023	ND	2.04	102	2.00	1.83	
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982	
Total BTX	<0.300	0.300	02/15/2023	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	7400	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (5.5-6) (H230609-69)**

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	02/15/2023	ND	2.04	102	2.00	1.83		
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982		
Total BTX	<0.300	0.300	02/15/2023	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	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 82.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (6.5-7) (H230609-70)**

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	02/15/2023	ND	2.04	102	2.00	1.83		
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982		
Total BTX	<0.300	0.300	02/15/2023	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	400	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.9 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (7.5-8) (H230609-71)**

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	02/15/2023	ND	2.04	102	2.00	1.83		
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982		
Total BTX	<0.300	0.300	02/15/2023	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	496	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 85.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 8 (8.0-8.5) (H230609-72)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2023	ND	2.04	102	2.00	1.83		
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982		
Total BTEx	<0.300	0.300	02/15/2023	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	224	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.0 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (.5-1) (H230609-73)**

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	02/15/2023	ND	2.04	102	2.00	1.83	
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982	
Total BTEx	<0.300	0.300	02/15/2023	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	1800	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	27.6	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 96.8 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (1.5-2) (H230609-74)**

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	02/15/2023	ND	2.04	102	2.00	1.83		
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982		
Total BTX	<0.300	0.300	02/15/2023	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	1040	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 98.3 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (2.5-3) (H230609-75)**

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	02/15/2023	ND	2.04	102	2.00	1.83	
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982	
Total BTX	<0.300	0.300	02/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (3.5-4) (H230609-76)**

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	02/15/2023	ND	2.04	102	2.00	1.83	
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982	
Total BTEX	<0.300	0.300	02/15/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	2240	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (4.5-5) (H230609-77)**

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	02/15/2023	ND	2.04	102	2.00	1.83		
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982		
Total BTEX	<0.300	0.300	02/15/2023	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	5060	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (5.5-6) (H230609-78)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2023	ND	2.04	102	2.00	1.83		
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982		
Total BTEX	<0.300	0.300	02/15/2023	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	4640	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	21.2	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.5 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (6.5-7) (H230609-79)**

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	02/15/2023	ND	2.04	102	2.00	1.83	
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982	
Total BTX	<0.300	0.300	02/15/2023	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	4480	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 86.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 9 (7.5-8) (H230609-80)**

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	02/15/2023	ND	2.04	102	2.00	1.83		
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982		
Total BTEX	<0.300	0.300	02/15/2023	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	8640	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	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



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**Analytical Results For:**

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

Received: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (.5-1) (H230609-81)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2023	ND	2.04	102	2.00	1.83		
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982		
Total BTEX	<0.300	0.300	02/15/2023	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	3920	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	87.8	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	13.8	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.9 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (1.5-2) (H230609-82)**

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	02/15/2023	ND	2.04	102	2.00	1.83	
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982	
Total BTX	<0.300	0.300	02/15/2023	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	3200	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 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: 02/09/2023  
 Reported: 02/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (2.5-3) (H230609-83)**

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	02/15/2023	ND	2.04	102	2.00	1.83		
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982		
Total BTX	<0.300	0.300	02/15/2023	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	4720	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
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.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager





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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Address 6488 Seven Rivers Highway a/g

Company Name: <b>NTGK</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
Project Manager: <b>Ethan Sessions</b>				P.O. #: <b>21114907</b>				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div>											
Address: <b>402 E Wood Ave.</b>				Company: <b>Devon Energy</b>															
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>				Attn:															
Phone #: <b>254-266-5456</b> Fax #:				Address: <b>6488 Seven Rivers</b>															
Project #: Project Owner:				City: <b>Artesia</b>															
Project Name: <b>Mesquite Booster line</b>				State: <b>NM</b> Zip: <b>88210</b>															
Project Location: <b>Lea Co, NM</b>				Phone #:															
Sampler Name: <b>Kenny Han</b>				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(GRAB OR (C)OMP. # CONTAINERS)	MATRIX					PRESERV.		SAMPLING							
					GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME				
H2301609																			
1 S-1		0-1		G		X							2/9						
2 S-1		1-1.5																	
3 S-1		2-2.5																	
4 S-1		3-3.5																	
5 S-1		4-4.5																	
6 S-1		5-5.5																	
7 S-1		6-6.5																	
8 S-1		7-7.5																	
9 S-1		8-8.5																	
10 S-2		0-1																	

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Relinquished By:		Date: <b>2-9-23</b>	Received By:		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <b>1420</b>		Time:		All Results are emailed. Please provide Email address:		
Relinquished By:		Date:	Received By:		REMARKS:	
Time:		Time:				
Delivered By: (Circle One)		Observed Temp. °C <b>19.3</b>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <b>JS</b>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <b>18.7</b>			Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>	
					Thermometer ID #113 Correction Factor -0.6°C	
					Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C	

FORM-006 R 3.3 07/18/22

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





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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>NTGK</b> Project Manager: <b>Ethan Sessions</b> Address: <b>402 E. Wood Ave.</b> City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b> Phone #: <b>254-266-5456</b> Fax #: Project #: Project Owner: Project Name: <b>Mesquite Booster line</b> Project Location: <b>Fee 6, NM</b> Sampler Name: <b>Kenny Han</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
				P.O. #:				<div style="display: flex; justify-content: space-around; font-size: 2em;"> <div>BTEX</div> <div>TPH</div> <div>Chlorides</div> </div>											
				Company:															
				Attn:															
				Address:															
				City:															
				State: Zip:															
				Phone #: Fax #:															

FOR LAB USE ONLY				MATRIX						PRESERV.		SAMPLING	
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE
H230609													
11	S-2	1-1.9			X							2/9	
12	S-2	2-2.9											
13	S-2	3-3.9											
14	S-2	4-4.5											
15	S-2	5-5.5											
16	S-2	6-6.5											
17	S-2	7-7.9											
18	S-2	8-8.9											
19	S-3	0-1											
20	S-3	1-1.5											

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Relinquished By:	Date: <b>2-9-23</b> Time: <b>7:20</b>	Received By:	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:
Relinquished By:	Date: Time:	Received By:	REMARKS:

Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Observed Temp. °C <b>19.3</b> Corrected Temp. °C <b>18.7</b>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: (Initials) <b>JO</b>	Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/> Thermometer ID #113 Correction Factor -0.6°C	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C
--	---	--	--	--	---








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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: 		Date: 2-9-23	Received By: 	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Add'l Phone #:
		Time: 1420		All Results are emailed. Please provide Email address:
Relinquished By:		Date:	Received By:	REMARKS:
		Time:		
Delivered By: (Circle One)	Observed Temp. °C 19.3	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	CHECKED BY: (Initials) 	Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C 18.7	Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/>
			Thermometer ID #113	<input type="checkbox"/> Yes <input type="checkbox"/> No
			Correction Factor -0.6°C	<input type="checkbox"/> Yes <input type="checkbox"/> No
				Observed Temp. °C
				Corrected Temp. °C





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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>NTGK</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
Project Manager: <u>Ethan Sessions</u>				P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div>											
Address: <u>402 E Wood Ave.</u>				Company:															
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>				Attn:															
Phone #: <u>254-266-5456</u> Fax #:				Address:															
Project #: _____ Project Owner:				City:															
Project Name: <u>Mesquite Booster line</u>				State: _____ Zip: _____															
Project Location: <u>Fee Co, NM</u>				Phone #:															
Sampler Name: <u>Kenny Han</u>				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING					
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				ACID/BASE: ICE / COOL OTHER :		DATE		TIME			
<u>H2300009</u>		<u>S-4</u>		<u>G</u>		<u>2</u>		<u>X</u>						<u>2/9</u>					
<u>31</u>		<u>S-4</u>		<u>G</u>		<u>2</u>													
<u>32</u>		<u>S-4</u>		<u>G</u>		<u>2</u>													
<u>33</u>		<u>S-4</u>		<u>G</u>		<u>2</u>													
<u>34</u>		<u>S-4</u>		<u>G</u>		<u>2</u>													
<u>35</u>		<u>S-4</u>		<u>G</u>		<u>2</u>													
<u>36</u>		<u>S-4</u>		<u>G</u>		<u>2</u>													
<u>37</u>		<u>S-5</u>		<u>G</u>		<u>2</u>													
<u>38</u>		<u>S-5</u>		<u>G</u>		<u>2</u>													
<u>39</u>		<u>S-5</u>		<u>G</u>		<u>2</u>													
<u>40</u>		<u>S-5</u>		<u>G</u>		<u>2</u>													

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Relinquished By: <u>Kenny Han</u>		Date: <u>2-9-23</u>		Received By: <u>Jamara Vldady</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <u>1420</u>		Time: _____		Time: _____		All Results are emailed. Please provide Email address:	
Relinquished By: _____		Date: _____		Received By: _____		REMARKS:	
Time: _____		Time: _____		Time: _____			
Delivered By: (Circle One)		Observed Temp. °C <u>19.3</u>		Sample Condition		CHECKED BY: (Initials) <u>ye</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>18.7</u>		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
				Thermometer ID #113 Correction Factor -0.6°C		Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C Corrected Temp. °C	

FORM-006-R 3.3.07/10/22

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### CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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Relinquished By: <i>Kennell</i>		Date: <i>2-9-23</i> Time: <i>1420</i>	Received By: <i>[Signature]</i>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: All Results are emailed. Please provide Email address:	
Relinquished By:		Date: Time:	Received By:		REMARKS:	
Delivered By: (Circle One)		Observed Temp. °C <i>19.3</i>	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> No	CHECKED BY: (Initials) <i>JO</i>	Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>	Bacteria (only) Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No Corrected Temp. °C
Sampler - UPS - Bus - Other:		Corrected Temp. °C <i>18.7</i>			Thermometer ID #113 Correction Factor -0.6°C	





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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>NTGE</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
Project Manager: <b>Ethan Sessions</b>				P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div>											
Address: <b>402 E Wood Ave.</b>				Company:															
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>				Attn:															
Phone #: <b>254-266-5456</b> Fax #:				Address:															
Project #: Project Owner:				City:															
Project Name: <b>Mesquite Booster line</b>				State: Zip:															
Project Location: <b>Lea Co, NM</b>				Phone #:															
Sampler Name: <b>Kenny Han</b>				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING									
						GROUNDWATER													
						WASTEWATER													
						SOIL													
						OIL													
						SLUDGE													
						OTHER :													
						ACID/BASE:													
						ICE / COOL													
						OTHER :													
										DATE		TIME							
<b>H2301009</b>																			
<b>51</b>		<b>S-6</b>		<b>5-5.5</b>		<b>G 1</b>													
<b>52</b>		<b>S-6</b>		<b>6-6.5</b>															
<b>53</b>		<b>S-6</b>		<b>7-7.5</b>															
<b>54</b>		<b>S-6</b>		<b>8-8.5</b>															
<b>55</b>		<b>S-7</b>		<b>0-1</b>															
<b>56</b>		<b>S-7</b>		<b>1-1.5</b>															
<b>57</b>		<b>S-7</b>		<b>2-2.5</b>															
<b>58</b>		<b>S-7</b>		<b>3-3.5</b>															
<b>59</b>		<b>S-7</b>		<b>4-4.5</b>															
<b>60</b>		<b>S-7</b>		<b>5-5.5</b>															

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Relinquished By: <b>[Signature]</b>		Date: <b>2-9-23</b>		Received By: <b>[Signature]</b>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <b>1420</b>		Time: <b>1420</b>		All Results are emailed. Please provide Email address:			
Relinquished By:		Date:		Received By:		REMARKS:	
Time:							
Delivered By: (Circle One)		Observed Temp. °C <b>19.3</b>		Sample Condition		Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <b>18.7</b>		Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No		Bacteria (only) Sample Condition	
				CHECKED BY: (Initials) <b>[Signature]</b>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No	
						Thermometer ID #113	
						Correction Factor -0.6°C	
						Corrected Temp. °C	

FORM-006 R 3.3 07/18/22

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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <b>NTGE</b>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
Project Manager: <b>Ethan Sessions</b>				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">300.0 KH</div> </div>											
Address: <b>402 E Wood Ave.</b>				Company:															
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>				Attn:															
Phone #: <b>254-266-5456</b> Fax #:				Address:															
Project #: Project Owner:				City:															
Project Name: <b>Mesquite Booster line</b>				State: Zip:															
Project Location: <b>Fea 6, NM</b>				Phone #:															
Sampler Name: <b>Kenny Han</b>				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING					
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:				ACID/BASE: ICE / COOL OTHER:		DATE TIME					
<b>H2301009</b>																			
<b>U1</b>		<b>5-7</b>		<b>6-6.5</b>		<b>1</b>								<b>2/4</b>					
<b>U2</b>		<b>5-7</b>		<b>7-7.5</b>															
<b>U3</b>		<b>5-7</b>		<b>8-8.5</b>															

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Relinquished By: <b>[Signature]</b>		Date: <b>2-9-23</b>		Received By: <b>[Signature]</b>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: <b>1420</b>		Time: <b>1420</b>		Time: <b>1420</b>		All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS:	
Time:							
Delivered By: (Circle One)		Observed Temp. °C <b>19.3</b>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials) <b>TO</b>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <b>18.7</b>		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> Rush <input type="checkbox"/>	
						Thermometer ID #113 Correction Factor -0.6°C	
						Bacteria (only) Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No Corrected Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No	

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## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> NTGR				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																													
<b>Project Manager:</b> Ethan Sessions				<b>P.O. #:</b>																																	
<b>Address:</b> 402 E Wood Ave.				<b>Company:</b>																																	
<b>City:</b> Carlsbad <b>State:</b> NM <b>Zip:</b> 88220				<b>Attn:</b>																																	
<b>Phone #:</b> 254-266-5456 <b>Fax #:</b>				<b>Address:</b>																																	
<b>Project #:</b>				<b>City:</b>																																	
<b>Project Owner:</b>				<b>State:</b>																																	
<b>Project Name:</b> Mesquite Booster line				<b>Zip:</b>																																	
<b>Project Location:</b> Fee Co, NM				<b>Phone #:</b>																																	
<b>Sampler Name:</b> Kenny Han				<b>Fax #:</b>																																	
FOR LAB USE ONLY																																					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME																							
HQ30009	S-8 (1.5-1)	G	1			X							2/9																								
44	S-8 (1.5-2)																																				
45	S-8 (2.5-3)																																				
46	S-8 (3.5-4)																																				
47	S-8 (4.5-5)																																				
48	S-8 (5.5-6)																																				
49	S-8 (6.5-7)																																				
70	S-8 (7.5-8)																																				
71	S-8 (8.8-8.5)																																				
72	S-9 (1.5-1)																																				
73																																					

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<b>Relinquished By:</b> 		<b>Date:</b> 2-9-23 <b>Time:</b> 4:20		<b>Received By:</b> 		<b>Verbal Result:</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <b>Add'l Phone #:</b>	
<b>Relinquished By:</b>		<b>Date:</b>		<b>Received By:</b>		<b>All Results are emailed. Please provide Email address:</b>	
<b>Delivered By: (Circle One)</b>		<b>Observed Temp. °C</b> 19.3		<b>Sample Condition</b>		<b>CHECKED BY:</b> (Initials) VJ	
<b>Standard</b>		<b>Corrected Temp. °C</b> 18.7		<b>Cool Intact</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		<b>Turnaround Time:</b>	
<b>Rush</b>				<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Bacteria (only) Sample Condition</b>	
				<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Cool Intact Observed Temp. °C</b>	
				<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Thermometer ID #113 Correction Factor -0.6°C</b>	
				<b>Yes</b> <input type="checkbox"/> <b>No</b> <input type="checkbox"/>		<b>Corrected Temp. °C</b>	





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# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>NTGE</u>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																				
Project Manager: <u>Ethan Sessions</u>		P.O. #:		<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">300-0-KH</div> </div>																				
Address: <u>402 E Wood Ave.</u>		Company:																						
City: <u>Carrizosa</u> State: <u>NM</u> Zip: <u>88220</u>		Attn:																						
Phone #: <u>254-266-5456</u> Fax #:		Address:																						
Project #: Project Owner:		City:																						
Project Name: <u>Mesquite Booster line</u>		State: Zip:																						
Project Location: <u>Fea Co, NM</u>		Phone #:																						
Sampler Name: <u>Kenny Han</u>		Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
<u>H230609</u>	<u>S-9 (1.5-2)</u>	<u>9</u>	<u>1</u>			<u>X</u>							<u>2/9</u>											
<u>74</u>	<u>S-9 (2.5-3)</u>																							
<u>75</u>	<u>S-9 (3.5-4)</u>																							
<u>76</u>	<u>S-9 (4.5-5)</u>																							
<u>77</u>	<u>S-9 (5.5-6)</u>																							
<u>78</u>	<u>S-9 (6.5-7)</u>																							
<u>79</u>	<u>S-9 (7.5-8)</u>																							
<u>80</u>	<u>S-10 (1.5-2)</u>																							
<u>81</u>	<u>9-10 (1.5-2)</u>																							
<u>82</u>	<u>S-10 (2.5-3)</u>																							
<u>83</u>																								

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Relinquished By: <u>Kenny Han</u>	Date: <u>2-9-23</u> Time: <u>1420</u>	Received By: <u>Theresa delacruz</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address:
Time:			REMARKS:
Delivered By: (Circle One)	Observed Temp. °C <u>19.3</u>	Sample Condition Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	CHECKED BY: (Initials) <u>JO</u>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>18.7</u>	Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>	Bacteria (only) Sample Condition Cool Intact Observed Temp. °C <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
		Thermometer ID #113 Correction Factor -0.6°C	Corrected Temp. °C

FORM-006 R 3.3 07/10/22

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

February 16, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESQUITE BOOSTER LINE

Enclosed are the results of analyses for samples received by the laboratory on 02/09/23 14:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (3.5-4) (H230610-01)**

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.04	102	2.00	1.83	
Toluene*	<0.050	0.050	02/15/2023	ND	2.05	103	2.00	1.05	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	101	2.00	1.30	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.12	102	6.00	0.982	
Total BTEX	<0.300	0.300	02/15/2023	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	4960	16.0	02/14/2023	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	02/13/2023	ND	199	99.6	200	2.49	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	183	91.7	200	4.91	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 94.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (4.5-5) (H230610-02)**

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	02/15/2023	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232	
Total BTX	<0.300	0.300	02/15/2023	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	7360	16.0	02/14/2023	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	02/13/2023	ND	208	104	200	2.43	
DRO >C10-C28*	22.3	10.0	02/13/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (5.5-6) (H230610-03)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232	
Total BTEx	<0.300	0.300	02/15/2023	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	8200	16.0	02/14/2023	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	02/13/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 94.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.1 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (6.5-7) (H230610-04)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232	
Total BTEX	<0.300	0.300	02/15/2023	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	8000	16.0	02/14/2023	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	02/13/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 10 (7.5-8) (H230610-05)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232	
Total BTEX	<0.300	0.300	02/15/2023	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	7200	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	28.1	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 114 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 11 (0.5-1) (H230610-06)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232	
Total BTEx	<0.300	0.300	02/15/2023	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	4000	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 11 (1.5-2) (H230610-07)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232	
Total BTEx	<0.300	0.300	02/15/2023	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	672	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 84.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.5 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 11 (2.5-3) (H230610-08)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169		
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232		
Total BTEX	<0.300	0.300	02/15/2023	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	848	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 99.7 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 11 (3.5-4) (H230610-09)**

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	02/15/2023	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232	
Total BTX	<0.300	0.300	02/15/2023	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	3840	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 11 (4.5-5) (H230610-10)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169		
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232		
Total BTEX	<0.300	0.300	02/15/2023	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	6240	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	30.8	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 11 (5.5-6) (H230610-11)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232	
Total BTEx	<0.300	0.300	02/15/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7460	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 11 (6.5-7) (H230610-12)**

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	02/15/2023	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232	
Total BTX	<0.300	0.300	02/15/2023	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	6000	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 117 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: S - 11 (7.5-8) (H230610-13)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169		
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232		
Total BTEX	<0.300	0.300	02/15/2023	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	2200	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 96.0 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 1 0-6" (H230610-14)**

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	02/15/2023	ND	2.11	105	2.00	0.169		
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232		
Total BTX	<0.300	0.300	02/15/2023	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	32.0	16.0	02/14/2023	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	02/15/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.7 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 2 0-6" (H230610-15)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169		
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232		
Total BTEX	<0.300	0.300	02/15/2023	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	64.0	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 3 0-6" (H230610-16)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169		
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232		
Total BTEX	<0.300	0.300	02/15/2023	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	32.0	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.8 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 4 0-6" (H230610-17)**

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169	
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403	
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789	
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232	
Total BTEX	<0.300	0.300	02/15/2023	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	16.0	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 5 0-6" (H230610-18)**

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	02/15/2023	ND	2.11	105	2.00	0.169		
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232		
Total BTX	<0.300	0.300	02/15/2023	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	32.0	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 95.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 6 0-6" (H230610-19)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169		
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232		
Total BTEX	<0.300	0.300	02/15/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 101 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 7 0-6" (H230610-20)**

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/15/2023	ND	2.11	105	2.00	0.169		
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232		
Total BTEX	<0.300	0.300	02/15/2023	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	48.0	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 101 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 8 0-6" (H230610-21)**

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	02/15/2023	ND	2.11	105	2.00	0.169		
Toluene*	<0.050	0.050	02/15/2023	ND	2.08	104	2.00	0.0403		
Ethylbenzene*	<0.050	0.050	02/15/2023	ND	2.03	102	2.00	0.0789		
Total Xylenes*	<0.150	0.150	02/15/2023	ND	6.22	104	6.00	0.0232		
Total BTX	<0.300	0.300	02/15/2023	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	32.0	16.0	02/14/2023	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	02/14/2023	ND	208	104	200	2.43	
DRO >C10-C28*	<10.0	10.0	02/14/2023	ND	199	99.4	200	2.39	
EXT DRO >C28-C36	<10.0	10.0	02/14/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 9 0-6" (H230610-22)**

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	02/14/2023	ND	2.07	104	2.00	1.47		
Toluene*	<0.050	0.050	02/14/2023	ND	2.11	106	2.00	2.04		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.43	107	6.00	0.655		
Total BTX	<0.300	0.300	02/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	02/14/2023	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	02/13/2023	ND	215	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	206	103	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 10 0-6" (H230610-23)**

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	02/14/2023	ND	2.07	104	2.00	1.47		
Toluene*	<0.050	0.050	02/14/2023	ND	2.11	106	2.00	2.04		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.43	107	6.00	0.655		
Total BTX	<0.300	0.300	02/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	32.0	16.0	02/14/2023	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	02/13/2023	ND	215	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	206	103	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 113 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 11 0-6" (H230610-24)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.07	104	2.00	1.47		
Toluene*	<0.050	0.050	02/14/2023	ND	2.11	106	2.00	2.04		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.43	107	6.00	0.655		
Total BTEX	<0.300	0.300	02/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	02/14/2023	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	02/13/2023	ND	215	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	206	103	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 109 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 12 0-6" (H230610-25)**

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	02/14/2023	ND	2.07	104	2.00	1.47		
Toluene*	<0.050	0.050	02/14/2023	ND	2.11	106	2.00	2.04		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.43	107	6.00	0.655		
Total BTX	<0.300	0.300	02/14/2023	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	<16.0	16.0	02/14/2023	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	02/13/2023	ND	215	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	206	103	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 107 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 13 0-6" (H230610-26)**

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	02/14/2023	ND	2.07	104	2.00	1.47		
Toluene*	<0.050	0.050	02/14/2023	ND	2.11	106	2.00	2.04		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.43	107	6.00	0.655		
Total BTX	<0.300	0.300	02/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	02/14/2023	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	02/13/2023	ND	215	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	206	103	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 14 0-6" (H230610-27)**

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	02/14/2023	ND	2.07	104	2.00	1.47		
Toluene*	<0.050	0.050	02/14/2023	ND	2.11	106	2.00	2.04		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.43	107	6.00	0.655		
Total BTX	<0.300	0.300	02/14/2023	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	64.0	16.0	02/14/2023	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	02/13/2023	ND	215	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	02/13/2023	ND	206	103	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	02/13/2023	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

**Analytical Results For:**

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

Received: 02/09/2023  
 Reported: 02/16/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: NOT GIVEN  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 02/09/2023  
 Sampling Type: Soil  
 Sampling Condition: \*\* (See Notes)  
 Sample Received By: Tamara Oldaker

**Sample ID: H - 15 0-6" (H230610-28)**

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/14/2023	ND	2.07	104	2.00	1.47		
Toluene*	<0.050	0.050	02/14/2023	ND	2.11	106	2.00	2.04		
Ethylbenzene*	<0.050	0.050	02/14/2023	ND	2.09	104	2.00	1.67		
Total Xylenes*	<0.150	0.150	02/14/2023	ND	6.43	107	6.00	0.655		
Total BTEX	<0.300	0.300	02/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	02/14/2023	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	02/15/2023	ND	215	107	200	2.15	
DRO >C10-C28*	<10.0	10.0	02/15/2023	ND	206	103	200	5.37	
EXT DRO >C28-C36	<10.0	10.0	02/15/2023	ND					

Surrogate: 1-Chlorooctane 74.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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---

### Notes and Definitions

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

---

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

---

Caley D. Keene, Lab Director/Quality Manager





# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: <b>NTGK</b>		<b>BILL TO</b>		<b>ANALYSIS REQUEST</b>																				
Project Manager: <b>Ethan Sessions</b>		P.O. #:		<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides 300.0 KH</div> </div>																				
Address: <b>402 E Wood Ave.</b>		Company:																						
City: <b>Carlsbad</b> State: <b>NM</b> Zip: <b>88220</b>		Attn:																						
Phone #: <b>254-266-5456</b> Fax #:		Address:																						
Project #: Project Owner:		City:																						
Project Name: <b>Mesquite Booster line</b>		State: Zip:																						
Project Location: <b>Lea Co, NM</b>		Phone #:																						
Sampler Name: <b>Kenny Han</b>		Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
<b>H230610</b>	<b>5-10 (3.5-4)</b>	<b>G</b>	<b>1</b>			<b>X</b>							<b>2/9</b>											
<b>320</b>	<b>5-10 (4.5-5)</b>																							
<b>430</b>	<b>5-10 (5.5-6)</b>																							
<b>540</b>	<b>5-10 (6.5-7)</b>																							
<b>650</b>	<b>5-10 (7.5-8)</b>																							
<b>760</b>	<b>5-11 (1.5-1)</b>																							
<b>870</b>	<b>5-11 (1.5-2)</b>																							
<b>980</b>	<b>5-11 (2.5-3)</b>																							
<b>10</b>	<b>5-11 (3.5-4)</b>																							
	<b>5-11 (4.5-5)</b>																							

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Relinquished By: <b>[Signature]</b>	Date: <b>2-9-23</b>	Received By: <b>[Signature]</b>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Date:	Received By:	All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
Relinquished By:	Date:	Received By:	REMARKS:
Delivered By: (Circle One)	Observed Temp. °C <b>19.3</b>	Sample Condition	Turnaround Time: <b>Standard</b> <input checked="" type="checkbox"/> <b>Rush</b> <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <b>18.7</b>	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	Bacteria (only) Sample Condition
		CHECKED BY: (Initials) <b>JS</b>	Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No
			Observed Temp. °C
			Corrected Temp. °C

FORM-006 R 3.3 07/18/22

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>NTGK</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>											
Project Manager: <u>Ethan Sessions</u>				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides 300.0 KH</div> </div>											
Address: <u>402 E Wood Ave.</u>				Company:															
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>				Attn:															
Phone #: <u>254-266-5456</u> Fax #:				Address:															
Project #: _____ Project Owner:				City:															
Project Name: <u>Mesquite Booster line</u>				State: _____ Zip: _____															
Project Location: <u>Feu Co, NM</u>				Phone #:															
Sampler Name: <u>Kenny Han</u>				Fax #:															
FOR LAB USE ONLY																			
Lab I.D.		Sample I.D.		(G/RAB OR (C)OMP. # CONTAINERS		MATRIX		PRESERV.		SAMPLING									
						GROUNDWATER													
						WASTEWATER													
						SOIL													
						OIL													
						SLUDGE													
						OTHER :													
						ACID/BASE:													
						ICE / COOL													
						OTHER :													
										DATE		TIME							
<u>H230610</u>		<u>5-11 (5.5-6)</u>		<u>6</u>						<u>2/9</u>									
<u>11</u>		<u>5-11 (5.5-7)</u>		<u>6</u>															
<u>12</u>		<u>5-11 (7.5-8)</u>		<u>6</u>															
<u>13</u>																			

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Relinquished By: <u>[Signature]</u>		Date: <u>2-9-23</u>		Received By: <u>[Signature]</u>		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
		Time: <u>1430</u>				All Results are emailed. Please provide Email address:	
Relinquished By:		Date:		Received By:		REMARKS:	
		Time:					
Delivered By: (Circle One)		Observed Temp. °C <u>19.3</u>		Sample Condition <u>Cool Intact</u>		CHECKED BY: (Initials) <u>yo.</u>	
Sampler - UPS - Bus - Other:		Corrected Temp. °C <u>18.7</u>		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/>	
						Bacteria (only) Sample Condition	
						Cool Intact Observed Temp. °C	
						<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	
						Corrected Temp. °C	

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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: <u>NTGE</u>				<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>													
Project Manager: <u>Ethan Sessions</u>				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chlorides</div> </div>													
Address: <u>402 E Wood Ave.</u>				Company:																	
City: <u>Carlsbad</u> State: <u>NM</u> Zip: <u>88220</u>				Attn:																	
Phone #: <u>254-266-5456</u> Fax #:				Address:																	
Project #:				City:																	
Project Owner:				State: Zip:																	
Project Name: <u>Mesquite Booster line</u>				Phone #:																	
Project Location: <u>Loc 6, NM</u>				Fax #:																	
Sampler Name: <u>Kenny Han</u>																					

FOR LAB USE ONLY		Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.			SAMPLING		DATE	TIME
						GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER				
H230410																		
14	H-1		0-6"	G	1			X								2/9		
15	H-2																	
16	H-3																	
17	H-4																	
18	H-5																	
19	H-6																	
20	H-7																	
21	H-8																	
22	H-9																	
23	H-10																	

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Relinquished By: <u>[Signature]</u>	Date: <u>2-9-23</u>	Received By: <u>[Signature]</u>	Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:
Relinquished By:	Time: <u>14:20</u>	Received By:	All Results are emailed. Please provide Email address:
Relinquished By:	Date:	Received By:	REMARKS:
Relinquished By:	Time:	Received By:	
Delivered By: (Circle One)	Observed Temp. °C <u>19.3</u>	Sample Condition	Turnaround Time: <u>Standard</u> <input checked="" type="checkbox"/> <u>Rush</u> <input type="checkbox"/>
Sampler - UPS - Bus - Other:	Corrected Temp. °C <u>18.7</u>	Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Bacteria (only) Sample Condition
		CHECKED BY: (Initials) <u>TO</u>	Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
			Thermometer ID #113 Correction Factor -0.8°C
			Observed Temp. °C
			Corrected Temp. °C

FORM-006-R 3-3-07/10/22

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Report to:  
Ethan Sessums



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

NTG-New Tech Global Environmental

Project Name: Mesquite Booster Line

Work Order: E307159

Job Number: 01058-0007

Received: 7/28/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/31/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/31/23

Ethan Sessums  
911 Regional Park Dr.  
Houston, TX 77060



Project Name: Mesquite Booster Line  
Workorder: E307159  
Date Received: 7/28/2023 6:00:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/28/2023 6:00:00AM, under the Project Name: Mesquite Booster Line.

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

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

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

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

Respectfully,

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

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)



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## Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 07/31/23 13:14
---	---	-----------------------------

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-1 (4')	E307159-01A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-2 (4')	E307159-02A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-3 (4')	E307159-03A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-4 (4')	E307159-04A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-5 (4')	E307159-05A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-6 (4')	E307159-06A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-7 (4')	E307159-07A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-8 (4')	E307159-08A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-9 (4')	E307159-09A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-10 (4')	E307159-10A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-11 (4')	E307159-11A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-12 (4')	E307159-12A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-13 (4')	E307159-13A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-14 (4')	E307159-14A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-15 (4')	E307159-15A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-16 (4')	E307159-16A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-17 (4')	E307159-17A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-18 (4')	E307159-18A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-19 (4')	E307159-19A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-20 (4')	E307159-20A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-21 (4')	E307159-21A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-22 (4')	E307159-22A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-23 (4)	E307159-23A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-24 (4')	E307159-24A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-25 (4')	E307159-25A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-26 (4')	E307159-26A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-27 (4')	E307159-27A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-28 (4')	E307159-28A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-29 (4')	E307159-29A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-30 (4')	E307159-30A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-31 (4')	E307159-31A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-32 (4')	E307159-32A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-33 (4')	E307159-33A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-34 (4')	E307159-34A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-35 (4')	E307159-35A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-36 (4')	E307159-36A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-37 (4')	E307159-37A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-38 (4')	E307159-38A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-39 (4')	E307159-39A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-40 (4')	E307159-40A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.



Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name:	Mesquite Booster Line	Reported:  07/31/23 13:14
	Project Number:	01058-0007	
	Project Manager:	Ethan Sessums	

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-41 (4')	E307159-41A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-42 (4')	E307159-42A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-43 (4')	E307159-43A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-44 (4')	E307159-44A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-45 (4')	E307159-45A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-46 (4')	E307159-46A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-47 (4')	E307159-47A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-48 (4')	E307159-48A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.





## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 1:14:55PM

## CS-1 (4')

E307159-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene	108 %	70-130		07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4	92.5 %	70-130		07/28/23	07/29/23	
Surrogate: Toluene-d8	102 %	70-130		07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene	108 %	70-130		07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4	92.5 %	70-130		07/28/23	07/29/23	
Surrogate: Toluene-d8	102 %	70-130		07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane	98.8 %	50-200		07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	1940	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-2 (4')

E307159-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		94.0 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		101 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	6540	100	5	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-3 (4')

E307159-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		102 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	393	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-4 (4')

E307159-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		108 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		108 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		100 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	9710	200	10	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-5 (4')

E307159-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		108 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		108 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		93.4 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		95.8 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	387	20.0	1	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 1:14:55PM

## CS-6 (4')

## E307159-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		92.5 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		97.4 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	32200	1000	50	07/28/23	07/28/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-7 (4')

E307159-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		90.3 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		90.3 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		106 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	13900	400	20	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-8 (4')

E307159-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		92.9 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		106 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	17900	400	20	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-9 (4')

E307159-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		91.3 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		104 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	319	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-10 (4')

E307159-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		105 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		93.2 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		105 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		97.2 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	68.0	20.0	1	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 1:14:55PM

## CS-11 (4')

## E307159-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		91.2 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		98.6 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	15700	400	20	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-12 (4')

E307159-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330111	
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		94.3 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330089	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		94.6 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330099	
Chloride	2600	20.0	1	07/28/23	07/28/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-13 (4')

E307159-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		105 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		95.8 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		105 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/30/23	
Surrogate: n-Nonane		105 %	50-200	07/28/23	07/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	31900	400	20	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 1:14:55PM

## CS-14 (4')

## E307159-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/30/23	
Surrogate: n-Nonane		104 %	50-200	07/28/23	07/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	8490	400	20	07/28/23	07/31/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-15 (4')

E307159-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330111	
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		104 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		104 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		92.1 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330089	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/30/23	
Surrogate: n-Nonane		102 %	50-200	07/28/23	07/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330099	
Chloride	ND	20.0	1	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 1:14:55PM

## CS-16 (4')

## E307159-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		96.1 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/30/23	
Surrogate: n-Nonane		102 %	50-200	07/28/23	07/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	395	20.0	1	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 1:14:55PM

## CS-17 (4')

## E307159-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		95.1 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/30/23	
Surrogate: n-Nonane		103 %	50-200	07/28/23	07/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330099
Chloride	741	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-18 (4')  
E307159-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330111	
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		07/28/23	07/29/23	
Surrogate: Toluene-d8	104 %	70-130		07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330111	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4	93.6 %	70-130		07/28/23	07/29/23	
Surrogate: Toluene-d8	104 %	70-130		07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330089	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/30/23	
Surrogate: n-Nonane	102 %	50-200		07/28/23	07/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330099	
Chloride	46.9	20.0	1	07/28/23	07/28/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-19 (4')  
E307159-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		104 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		97.4 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		104 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/30/23	
Surrogate: n-Nonane		102 %	50-200	07/28/23	07/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330100
Chloride	10800	400	20	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 1:14:55PM

## CS-20 (4')

## E307159-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		104 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330111
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		92.8 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		104 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330089
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/30/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/30/23	
Surrogate: n-Nonane		93.1 %	50-200	07/28/23	07/30/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330100
Chloride	9460	400	20	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-21 (4')  
E307159-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	105 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	103 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	105 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.3 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	103 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330095	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	102 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330100	
Chloride	198	20.0	1	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 1:14:55PM

## CS-22 (4')

## E307159-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		101 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		101 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane		99.2 %	50-200	07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330100
Chloride	1180	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-23 (4)

E307159-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	105 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	105 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330095	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	99.0 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330100	
Chloride	22600	1000	50	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-24 (4')

E307159-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	107 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	107 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.7 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330095	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	99.3 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330100	
Chloride	2610	20.0	1	07/28/23	07/28/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-25 (4')

E307159-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.6 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330095	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	94.7 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330100	
Chloride	1170	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-26 (4')

E307159-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	106 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	94.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	106 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	94.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330095	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	101 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330100	
Chloride	149	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-27 (4')

E307159-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	105 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	103 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	105 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	95.6 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	103 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330095	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane	99.4 %	50-200		07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330100	
Chloride	1800	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-28 (4')

E307159-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		104 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		104 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		100 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330100
Chloride	4830	40.0	2	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-29 (4')  
E307159-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	102 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.0 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	102 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330095	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane	93.2 %	50-200		07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330100	
Chloride	2670	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-30 (4')

E307159-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		95.2 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330100
Chloride	768	20.0	1	07/28/23	07/28/23	





## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 1:14:55PM

## CS-31 (4')

## E307159-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.1 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		97.9 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330100
Chloride	2950	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-32 (4')

E307159-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.9 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		97.4 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330100
Chloride	409	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-33 (4')

E307159-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		104 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		107 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.0 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		104 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		95.8 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330100
Chloride	3310	40.0	2	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-34 (4')

E307159-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		100 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330100
Chloride	7840	200	10	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-35 (4')

E307159-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		104 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		104 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		98.6 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330100
Chloride	8450	200	10	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-36 (4')

E307159-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene	106 %	70-130		07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		07/28/23	07/29/23	
Surrogate: Toluene-d8	105 %	70-130		07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene	106 %	70-130		07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4	95.4 %	70-130		07/28/23	07/29/23	
Surrogate: Toluene-d8	105 %	70-130		07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330095	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane	99.2 %	50-200		07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330100	
Chloride	1400	20.0	1	07/28/23	07/28/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-37 (4')

E307159-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		96.0 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330095	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		98.8 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330100	
Chloride	849	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-38 (4')

E307159-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		104 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330112
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene		104 %	70-130	07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4		95.4 %	70-130	07/28/23	07/29/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330095
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		104 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330100
Chloride	1090	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-39 (4')  
E307159-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		07/28/23	07/29/23	
Surrogate: Toluene-d8	103 %	70-130		07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4	94.2 %	70-130		07/28/23	07/29/23	
Surrogate: Toluene-d8	103 %	70-130		07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330095	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane	102 %	50-200		07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330101	
Chloride	35.1	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-40 (4')

E307159-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Benzene	ND	0.0250	1	07/28/23	07/29/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/29/23	
Toluene	ND	0.0250	1	07/28/23	07/29/23	
o-Xylene	ND	0.0250	1	07/28/23	07/29/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/29/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		07/28/23	07/29/23	
Surrogate: Toluene-d8	104 %	70-130		07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330112	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/29/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/29/23	
Surrogate: 1,2-Dichloroethane-d4	95.8 %	70-130		07/28/23	07/29/23	
Surrogate: Toluene-d8	104 %	70-130		07/28/23	07/29/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330095	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane	100 %	50-200		07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330101	
Chloride	2990	40.0	2	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-41 (4')  
E307159-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	100 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	96.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	100 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.8 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	96.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330096	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	82.6 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330101	
Chloride	4920	100	5	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-42 (4')

E307159-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		101 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		95.8 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		101 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		95.8 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330096	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane		86.1 %	50-200	07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330101	
Chloride	10300	200	10	07/28/23	07/28/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-43 (4')

E307159-43

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330110
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		95.4 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330110
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		102 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		95.4 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane		93.2 %	50-200	07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330101
Chloride	545	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-44 (4')  
E307159-44

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	102 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	95.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	102 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	95.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330096	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	88.9 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330101	
Chloride	15800	400	20	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-45 (4')

E307159-45

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	101 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	95.7 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	101 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	95.7 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330096	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	92.4 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330101	
Chloride	1610	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-46 (4')

E307159-46

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330110
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		95.8 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330110
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		95.8 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		90.0 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330101
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-47 (4')

E307159-47

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330110
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		95.3 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330110
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		95.3 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: KM		Batch: 2330096
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		88.4 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330101
Chloride	74.0	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 1:14:55PM
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CS-48 (4')

E307159-48

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		94.8 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		101 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		94.8 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: KM		Batch: 2330096	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/29/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/29/23	
Surrogate: n-Nonane		86.9 %	50-200	07/28/23	07/29/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330101	
Chloride	7590	200	10	07/28/23	07/28/23	





QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	7/31/2023 1:14:55PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2330110-BLK1) Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			

LCS (2330110-BS1) Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	2.38	0.0250	2.50		95.1	70-130			
Ethylbenzene	2.27	0.0250	2.50		90.7	70-130			
Toluene	2.21	0.0250	2.50		88.6	70-130			
o-Xylene	2.30	0.0250	2.50		91.8	70-130			
p,m-Xylene	4.48	0.0500	5.00		89.6	70-130			
Total Xylenes	6.78	0.0250	7.50		90.4	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			

Matrix Spike (2330110-MS1) Source: E307159-47 Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	2.48	0.0250	2.50	ND	99.3	48-131			
Ethylbenzene	2.32	0.0250	2.50	ND	92.8	45-135			
Toluene	2.26	0.0250	2.50	ND	90.6	48-130			
o-Xylene	2.35	0.0250	2.50	ND	94.0	43-135			
p,m-Xylene	4.58	0.0500	5.00	ND	91.6	43-135			
Total Xylenes	6.93	0.0250	7.50	ND	92.4	43-135			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.2	70-130			

Matrix Spike Dup (2330110-MSD1) Source: E307159-47 Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	2.45	0.0250	2.50	ND	98.2	48-131	1.15	23	
Ethylbenzene	2.33	0.0250	2.50	ND	93.2	45-135	0.408	27	
Toluene	2.26	0.0250	2.50	ND	90.5	48-130	0.0221	24	
o-Xylene	2.33	0.0250	2.50	ND	93.4	43-135	0.619	27	
p,m-Xylene	4.55	0.0500	5.00	ND	91.1	43-135	0.613	27	
Total Xylenes	6.89	0.0250	7.50	ND	91.8	43-135	0.615	27	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	7/31/2023 1:14:55PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2330111-BLK1) Prepared: 07/28/23 Analyzed: 07/29/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2330111-BS1) Prepared: 07/28/23 Analyzed: 07/29/23

Benzene	2.40	0.0250	2.50		96.0	70-130			
Ethylbenzene	2.36	0.0250	2.50		94.5	70-130			
Toluene	2.37	0.0250	2.50		94.7	70-130			
o-Xylene	2.37	0.0250	2.50		94.9	70-130			
p,m-Xylene	4.73	0.0500	5.00		94.6	70-130			
Total Xylenes	7.10	0.0250	7.50		94.7	70-130			
Surrogate: Bromofluorobenzene	0.527		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.487		0.500		97.4	70-130			
Surrogate: Toluene-d8	0.524		0.500		105	70-130			

Matrix Spike (2330111-MS1) Source: E307159-04 Prepared: 07/28/23 Analyzed: 07/29/23

Benzene	2.56	0.0250	2.50	ND	102	48-131			
Ethylbenzene	2.47	0.0250	2.50	ND	98.8	45-135			
Toluene	2.47	0.0250	2.50	ND	98.7	48-130			
o-Xylene	2.57	0.0250	2.50	ND	103	43-135			
p,m-Xylene	5.10	0.0500	5.00	ND	102	43-135			
Total Xylenes	7.67	0.0250	7.50	ND	102	43-135			
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.7	70-130			
Surrogate: Toluene-d8	0.510		0.500		102	70-130			

Matrix Spike Dup (2330111-MSD1) Source: E307159-04 Prepared: 07/28/23 Analyzed: 07/29/23

Benzene	2.48	0.0250	2.50	ND	99.1	48-131	3.14	23	
Ethylbenzene	2.37	0.0250	2.50	ND	94.7	45-135	4.24	27	
Toluene	2.37	0.0250	2.50	ND	94.9	48-130	3.93	24	
o-Xylene	2.41	0.0250	2.50	ND	96.2	43-135	6.46	27	
p,m-Xylene	4.73	0.0500	5.00	ND	94.5	43-135	7.66	27	
Total Xylenes	7.13	0.0250	7.50	ND	95.1	43-135	7.26	27	
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.497		0.500		99.3	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	7/31/2023 1:14:55PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2330112-BLK1) Prepared: 07/28/23 Analyzed: 07/29/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.3	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS (2330112-BS1) Prepared: 07/28/23 Analyzed: 07/29/23

Benzene	2.46	0.0250	2.50		98.5	70-130			
Ethylbenzene	2.45	0.0250	2.50		97.9	70-130			
Toluene	2.45	0.0250	2.50		98.0	70-130			
o-Xylene	2.48	0.0250	2.50		99.2	70-130			
p,m-Xylene	4.95	0.0500	5.00		98.9	70-130			
Total Xylenes	7.43	0.0250	7.50		99.0	70-130			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.473		0.500		94.6	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike (2330112-MS1) Source: E307159-27 Prepared: 07/28/23 Analyzed: 07/29/23

Benzene	2.54	0.0250	2.50	ND	102	48-131			
Ethylbenzene	2.52	0.0250	2.50	ND	101	45-135			
Toluene	2.52	0.0250	2.50	ND	101	48-130			
o-Xylene	2.60	0.0250	2.50	ND	104	43-135			
p,m-Xylene	5.15	0.0500	5.00	ND	103	43-135			
Total Xylenes	7.74	0.0250	7.50	ND	103	43-135			
Surrogate: Bromofluorobenzene	0.531		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

Matrix Spike Dup (2330112-MSD1) Source: E307159-27 Prepared: 07/28/23 Analyzed: 07/29/23

Benzene	2.47	0.0250	2.50	ND	98.6	48-131	2.94	23	
Ethylbenzene	2.46	0.0250	2.50	ND	98.5	45-135	2.15	27	
Toluene	2.45	0.0250	2.50	ND	98.1	48-130	2.66	24	
o-Xylene	2.56	0.0250	2.50	ND	102	43-135	1.51	27	
p,m-Xylene	5.06	0.0500	5.00	ND	101	43-135	1.58	27	
Total Xylenes	7.62	0.0250	7.50	ND	102	43-135	1.56	27	
Surrogate: Bromofluorobenzene	0.528		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.480		0.500		95.9	70-130			
Surrogate: Toluene-d8	0.509		0.500		102	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	Reported:  7/31/2023 1:14:55PM
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330110-BLK1) Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			

LCS (2330110-BS2) Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.8	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			

Matrix Spike (2330110-MS2) Source: E307159-47 Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.5	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			

Matrix Spike Dup (2330110-MSD2) Source: E307159-47 Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.5	70-130	2.30	20	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	Reported:  7/31/2023 1:14:55PM
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330111-BLK1) Prepared: 07/28/23 Analyzed: 07/29/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.535		0.500		107	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.486		0.500		97.1	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

LCS (2330111-BS2) Prepared: 07/28/23 Analyzed: 07/29/23

Gasoline Range Organics (C6-C10)	55.4	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.521		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.529		0.500		106	70-130			

Matrix Spike (2330111-MS2) Source: E307159-04 Prepared: 07/28/23 Analyzed: 07/31/23

Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130			
Surrogate: Bromofluorobenzene	0.538		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.471		0.500		94.1	70-130			
Surrogate: Toluene-d8	0.532		0.500		106	70-130			

Matrix Spike Dup (2330111-MSD2) Source: E307159-04 Prepared: 07/28/23 Analyzed: 07/29/23

Gasoline Range Organics (C6-C10)	46.6	20.0	50.0	ND	93.2	70-130	17.1	20	
Surrogate: Bromofluorobenzene	0.543		0.500		109	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.470		0.500		94.0	70-130			
Surrogate: Toluene-d8	0.518		0.500		104	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 1:14:55PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330112-BLK1) Prepared: 07/28/23 Analyzed: 07/29/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.462		0.500		92.3	70-130			
Surrogate: Toluene-d8	0.519		0.500		104	70-130			

LCS (2330112-BS2) Prepared: 07/28/23 Analyzed: 07/29/23

Gasoline Range Organics (C6-C10)	53.4	20.0	50.0		107	70-130			
Surrogate: Bromofluorobenzene	0.530		0.500		106	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.472		0.500		94.3	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			

Matrix Spike (2330112-MS2) Source: E307159-27 Prepared: 07/28/23 Analyzed: 07/29/23

Gasoline Range Organics (C6-C10)	52.6	20.0	50.0	ND	105	70-130			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.477		0.500		95.4	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

Matrix Spike Dup (2330112-MSD2) Source: E307159-27 Prepared: 07/28/23 Analyzed: 07/29/23

Gasoline Range Organics (C6-C10)	52.7	20.0	50.0	ND	105	70-130	0.361	20	
Surrogate: Bromofluorobenzene	0.542		0.500		108	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.478		0.500		95.5	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			





QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	7/31/2023 1:14:55PM

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330089-BLK1)					Prepared: 07/28/23 Analyzed: 07/29/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	51.4		50.0		103	50-200			

LCS (2330089-BS1)					Prepared: 07/28/23 Analyzed: 07/29/23				
Diesel Range Organics (C10-C28)	249	25.0	250		99.6	38-132			
Surrogate: n-Nonane	53.5		50.0		107	50-200			

Matrix Spike (2330089-MS1)					Source: E307159-01		Prepared: 07/28/23 Analyzed: 07/29/23		
Diesel Range Organics (C10-C28)	250	25.0	250	ND	100	38-132			
Surrogate: n-Nonane	54.5		50.0		109	50-200			

Matrix Spike Dup (2330089-MSD1)					Source: E307159-01		Prepared: 07/28/23 Analyzed: 07/29/23		
Diesel Range Organics (C10-C28)	253	25.0	250	ND	101	38-132	1.01	20	
Surrogate: n-Nonane	53.8		50.0		108	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 1:14:55PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

<b>Blank (2330095-BLK1)</b>					Prepared: 07/28/23 Analyzed: 07/28/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	50.2		50.0		100	50-200			

<b>LCS (2330095-BS1)</b>					Prepared: 07/28/23 Analyzed: 07/28/23				
Diesel Range Organics (C10-C28)	247	25.0	250		98.8	38-132			
Surrogate: n-Nonane	51.1		50.0		102	50-200			

<b>Matrix Spike (2330095-MS1)</b>					<b>Source: E307159-21</b>		Prepared: 07/28/23 Analyzed: 07/28/23		
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	38-132			
Surrogate: n-Nonane	47.9		50.0		95.8	50-200			

<b>Matrix Spike Dup (2330095-MSD1)</b>					<b>Source: E307159-21</b>		Prepared: 07/28/23 Analyzed: 07/28/23		
Diesel Range Organics (C10-C28)	241	25.0	250	ND	96.4	38-132	6.40	20	
Surrogate: n-Nonane	47.8		50.0		95.6	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 1:14:55PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2330096-BLK1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.4		50.0		86.8	50-200			

LCS (2330096-BS1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	45.7		50.0		91.5	50-200			

Matrix Spike (2330096-MS1)					Source: E307161-22		Prepared: 07/28/23 Analyzed: 07/28/23		
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.2	38-132			
Surrogate: n-Nonane	47.5		50.0		94.9	50-200			

Matrix Spike Dup (2330096-MSD1)					Source: E307161-22		Prepared: 07/28/23 Analyzed: 07/28/23		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	38-132	0.647	20	
Surrogate: n-Nonane	46.7		50.0		93.5	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 1:14:55PM
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Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

LCS (2330099-BS1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2330099-MS1)					Source: E307158-41		Prepared: 07/28/23 Analyzed: 07/28/23		
Chloride	3310	40.0	250	3190	49.0	80-120			M4
Matrix Spike Dup (2330099-MSD1)					Source: E307158-41		Prepared: 07/28/23 Analyzed: 07/28/23		
Chloride	3380	40.0	250	3190	76.6	80-120	2.06	20	M4
Blank (2330099-BLK2)					Prepared: 07/28/23 Analyzed: 07/28/23				
Chloride	ND	20.0							



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 1:14:55PM
---	---	--------------------------------------

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2330100-BLK1)				Prepared: 07/28/23 Analyzed: 07/28/23					
Chloride	ND	20.0							
LCS (2330100-BS1)				Prepared: 07/28/23 Analyzed: 07/28/23					
Chloride	265	20.0	250		106	90-110			
Matrix Spike (2330100-MS1)				Source: E307159-19		Prepared: 07/28/23 Analyzed: 07/28/23			
Chloride	17100	400	250	10800	NR	80-120			M4
Matrix Spike Dup (2330100-MSD1)				Source: E307159-19		Prepared: 07/28/23 Analyzed: 07/28/23			
Chloride	13900	400	250	10800	NR	80-120	21.0	20	M4



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 1:14:55PM
---	---	--------------------------------------

Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
---------	-----------------	-----------------------------	-------------------------	---------------------------	----------	--------------------	----------	-------------------	-------

Blank (2330101-BLK1)				Prepared: 07/28/23 Analyzed: 07/28/23					
Chloride	ND	20.0							
LCS (2330101-BS1)				Prepared: 07/28/23 Analyzed: 07/28/23					
Chloride	254	20.0	250		101	90-110			
Matrix Spike (2330101-MS1)				Source: E307159-39		Prepared: 07/28/23 Analyzed: 07/28/23			
Chloride	338	20.0	250	35.1	121	80-120			M4
Matrix Spike Dup (2330101-MSD1)				Source: E307159-39		Prepared: 07/28/23 Analyzed: 07/28/23			
Chloride	423	20.0	250	35.1	155	80-120	22.4	20	M4

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





Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	07/31/23 13:14

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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





### Chain of Custody

Work Order No: E307159

~~21106-0007~~  
01058-0007 CM

Page 2 of 5




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:	<a href="mailto:Wesley.Mathews@dvn.com">Wesley.Mathews@dvn.com</a>

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"/> TRRP <input type="checkbox"/>	Level IV <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/>	ADaPT <input type="checkbox"/>	Other: <input type="checkbox"/>

[illegible]

Additional Comments:
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Relinquished by: (Signature)		Received by: (Signature)		Date/Time	Relinquished by: (Signature)		Received by: (Signature)		Date/Time
1		Michelle Gungles		7-27-23 10:30	2		Michelle Gungles		7-27-23 11
3		Michelle Gungles		7/28/23 6:00	4				
5					6				





## Chain of Custody

Work Order No: E307159  
~~2104-0001~~  
~~01058-0007~~ CM  
 Page 1 of 5

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

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

Project Name:		Mesquite Booster Line		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes					
Project Number:		236829		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500																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 #:		nAPP2301125598																						H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na				
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		HOLD		H <sub>3</sub> PO <sub>4</sub> : HP		NaHSO <sub>4</sub> : NABIS														
Received Intact:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID:				Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>				Zn Acetate+NaOH: Zn																
Cooler Custody Seals:		Yes No N/A		Correction Factor:				NaOH+Ascorbic Acid: SAPC																				
Sample Custody Seals:		Yes No N/A		Temperature Reading:		4																						
Total Containers:				Corrected Temperature:																								
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments				
CS-1 (4')		7/27/2023		X		Comp	1	X	X	X																	1	
CS-2 (4')		7/27/2023		X		Comp	1	X	X	X																	2	
CS-3 (4')		7/27/2023		X		Comp	1	X	X	X																	3	
CS-4 (4')		7/27/2023		X		Comp	1	X	X	X																	4	
CS-5 (4')		7/27/2023		X		Comp	1	X	X	X																	5	
CS-6 (4')		7/27/2023		X		Comp	1	X	X	X																	6	
CS-7 (4')		7/27/2023		X		Comp	1	X	X	X																	7	
CS-8 (4')		7/27/2023		X		Comp	1	X	X	X																	8	
CS-9 (4')		7/27/2023		X		Comp	1	X	X	X																	9	
CS-10 (4')		7/27/2023		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
1		7-27-23 10:30	2		7-27-23 17:00
3		7/28/23 6:00	4		
5			6		





## Chain of Custody

Work Order No: E307159

2106-0001  
01058-0007 CM

Page 3 of 5

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

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

Project Name:		Mesquite Booster Line		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes			
Project Number:		236829		<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 #:		nAPP2301125598																H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na					
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No														H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:		Yes No		Thermometer ID:																NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																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:		4														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-21 (4')		7/27/2023		X		Comp	1	X	X	X									21				
CS-22 (4')		7/27/2023		X		Comp	1	X	X	X									22				
CS-23 (4')		7/27/2023		X		Comp	1	X	X	X									23				
CS-24 (4')		7/27/2023		X		Comp	1	X	X	X									24				
CS-25 (4')		7/27/2023		X		Comp	1	X	X	X									25				
CS-26 (4')		7/27/2023		X		Comp	1	X	X	X									26				
CS-27 (4')		7/27/2023		X		Comp	1	X	X	X									27				
CS-28 (4')		7/27/2023		X		Comp	1	X	X	X									28				
CS-29 (4')		7/27/2023		X		Comp	1	X	X	X									29				
CS-30 (4')		7/27/2023		X		Comp	1	X	X	X									30				

## Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>Michelle Gonzalez</i>	7-27-23 10:30	2 <i>Michelle Gonzalez</i>	<i>Mr. [Signature]</i>	7-27-23 17:30
3 <i>Mr. [Signature]</i>	<i>Carth [Signature]</i>	7/28/23 6:00	4		
5			6		





## Chain of Custody

Work Order No: E307159
21100-0001  
01058-0007 cm  
 Page 4 of 5

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: <input type="checkbox"/>

Project Name:	Mesquite Booster Line		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes		
Project Number:	236829		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush			Parameters	BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500																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 #:	nAPP2301125598				H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na																			
SAMPLE RECEIPT		Temp Blank:	Yes No	Wet Ice:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Parameters	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																Sample Comments	
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Thermometer ID:																						
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No N/A	Correction Factor:																						
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No N/A	Temperature Reading:		4																				
Total Containers:			Corrected Temperature:																					
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont																		
CS-31 (4')	7/27/2023		X		Comp	1	X	X	X											31				
CS-32 (4')	7/27/2023		X		Comp	1	X	X	X											32				
CS-33 (4')	7/27/2023		X		Comp	1	X	X	X											33				
CS-34 (4')	7/27/2023		X		Comp	1	X	X	X											34				
CS-35 (4')	7/27/2023		X		Comp	1	X	X	X											35				
CS-36 (4')	7/27/2023		X		Comp	1	X	X	X											36				
CS-37 (4')	7/27/2023		X		Comp	1	X	X	X											37				
CS-38 (4')	7/27/2023		X		Comp	1	X	X	X											38				
CS-39 (4')	7/27/2023		X		Comp	1	X	X	X											39				
CS-40 (4')	7/27/2023		X		Comp	1	X	X	X											40				

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
<i>[Signature]</i>	<i>Michelle Cangelosi</i>	7/27/23 10:30	<i>Michelle Cangelosi</i>	<i>Andrew Messo</i>	7-27-23 1:30
<i>Andrew Messo</i>	<i>Carla Man</i>	7/28/23 10:00			





Work Order No: E307159

~~2101-0001~~  
01058-0007 cm

Page 5 of 5







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:	<a href="mailto:Wesley.Mathews@dvn.com">Wesley.Mathews@dvn.com</a>

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

[illegible]

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				7-27-23 10:30	2				7-27-23 1:30
3				7-28-23 6:00	4				
5					6				



## Envirotech Analytical Laboratory

Printed: 7/28/2023 10:21:57AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	NTG-New Tech Global Environmental	Date Received:	07/28/23 06:00	Work Order ID:	E307159
Phone:	(281) 872-9300	Date Logged In:	07/27/23 15:23	Logged In By:	Caitlin Mars
Email:	esssums@ntglobal.com	Due Date:	07/31/23 17:00 (1 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

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

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 

Sample ID?	Yes
Date/Time Collected?	No
Collectors name?	No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

Report to:  
Ethan Sessums



# envirotech

*Practical Solutions for a Better Tomorrow*

## Analytical Report

NTG-New Tech Global Environmental

Project Name: Mesquite Booster Line

Work Order: E307158

Job Number: 01058-0007

Received: 7/28/2023

Revision: 2

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
7/31/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



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

Date Reported: 7/31/23

Ethan Sessums  
911 Regional Park Dr.  
Houston, TX 77060



Project Name: Mesquite Booster Line  
Workorder: E307158  
Date Received: 7/28/2023 6:00:00AM

Ethan Sessums,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 7/28/2023 6:00:00AM, under the Project Name: Mesquite Booster Line.

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

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

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

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

Respectfully,

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

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**  
**Lynn Jarboe**  
Technical Representative/Client Services  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**West Texas Midland/Odessa Area**  
**Rayny Hagan**  
Technical Representative  
Office: 505-421-LABS(5227)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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## Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 07/31/23 14:54
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
CS-71 (3')	E307158-01A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-72 (3')	E307158-02A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-73 (3')	E307158-03A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-74 (3')	E307158-04A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-75 (3')	E307158-05A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-76 (3')	E307158-06A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-77 (3')	E307158-07A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-78 (3')	E307158-08A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-79 (3')	E307158-09A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-80 (2')	E307158-10A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-81 (2')	E307158-11A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-82 (2')	E307158-12A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-83 (2')	E307158-13A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-84 (3')	E307158-14A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-85 (2')	E307158-15A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-86 (3')	E307158-16A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-87 (2')	E307158-17A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-88 (3')	E307158-18A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-89 (2')	E307158-19A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-90 (4')	E307158-20A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-91 (4')	E307158-21A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
CS-92 (4')	E307158-22A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-1 (0-3')	E307158-23A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-2 (0-3')	E307158-24A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-3 (0-3')	E307158-25A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-4 (0-4')	E307158-26A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-5 (0-4')	E307158-27A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-6 (0-4')	E307158-28A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-7 (0-4')	E307158-29A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-8 (0-4')	E307158-30A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-9 (0-4')	E307158-31A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-10 (0-4')	E307158-32A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-11 (0-4')	E307158-33A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-12 (0-4')	E307158-34A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-13 (0-4')	E307158-35A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-14 (0-4')	E307158-36A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-15 (0-4')	E307158-37A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-16 (0-3')	E307158-38A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-17 (0-3')	E307158-39A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-18 (0-2')	E307158-40A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.



Sample Summary

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 07/31/23 14:54
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Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-19 (0-2')	E307158-41A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.
SW-20 (0-3')	E307158-42A	Soil	07/27/23	07/28/23	Glass Jar, 4 oz.



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-71 (3')

E307158-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	99.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	81.3 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	83.3 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-72 (3')

E307158-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330086
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
<i>Surrogate: n-Nonane</i>						
	81.0 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330097
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-73 (3')

E307158-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	99.3 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	81.7 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	82.0 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-74 (3')

E307158-04

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	96.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	83.1 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	





## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 2:54:46PM

## CS-75 (3')

## E307158-05

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.4 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330086
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
<i>Surrogate: n-Nonane</i>						
	94.7 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330097
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-76 (3')

E307158-06

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	96.5 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	92.2 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-77 (3')

E307158-07

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	98.8 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	81.7 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	94.4 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 2:54:46PM

## CS-78 (3')

## E307158-08

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	98.8 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	82.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330086
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
<i>Surrogate: n-Nonane</i>						
	96.2 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330097
Chloride	ND	20.0	1	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 2:54:46PM

## CS-79 (3')

## E307158-09

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	99.7 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	81.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330086
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
<i>Surrogate: n-Nonane</i>						
	106 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330097
Chloride	ND	20.0	1	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 2:54:46PM

## CS-80 (2')

## E307158-10

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>	99.4 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>	82.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
<i>Surrogate: n-Nonane</i>	108 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-81 (2')

E307158-11

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	96.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	109 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 2:54:46PM

## CS-82 (2')

## E307158-12

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330086
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
<i>Surrogate: n-Nonane</i>						
	108 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330097
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-83 (2')

E307158-13

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	95.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	109 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-84 (3')

E307158-14

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	96.3 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	90.7 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	111 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 2:54:46PM

## CS-85 (2')

## E307158-15

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.7 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
<i>Surrogate: n-Nonane</i>						
	119 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-86 (3')

E307158-16

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	95.8 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	76.9 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-87 (2')

E307158-17

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	95.9 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	87.8 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-88 (3')

E307158-18

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	96.3 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	91.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	94.5 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-89 (2')

E307158-19

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: 4-Bromochlorobenzene-PID	97.2 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>	mg/kg	mg/kg	Analyst: IY		Batch: 2330085	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: 1-Chloro-4-fluorobenzene-FID	92.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>	mg/kg	mg/kg	Analyst: JL		Batch: 2330086	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	89.8 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>	mg/kg	mg/kg	Analyst: BA		Batch: 2330097	
Chloride	ND	20.0	1	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 2:54:46PM

## CS-90 (4')

## E307158-20

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.9 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330085
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	90.8 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330086
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
<i>Surrogate: n-Nonane</i>						
	96.0 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330097
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-91 (4')  
E307158-21

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330088
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		96.3 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		104 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		96.3 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330087
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane		75.8 %	50-200	07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330098
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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CS-92 (4')

E307158-22

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	94.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.7 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	94.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	76.3 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	ND	20.0	1	07/28/23	07/28/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-1 (0-3')  
E307158-23

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		98.4 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		106 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		98.0 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		98.4 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane		78.1 %	50-200	07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	42.1	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-2 (0-3')  
E307158-24

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	103 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	103 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	79.3 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	22.8	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-3 (0-3')  
E307158-25

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	97.4 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	94.2 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	31.4	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-4 (0-4')  
E307158-26

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	104 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	96.7 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	101 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	92.2 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	3260	40.0	2	07/28/23	07/28/23	



## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 2:54:46PM

SW-5 (0-4')

E307158-27

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330088
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		101 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		101 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330087
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane		93.6 %	50-200	07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330098
Chloride	2580	40.0	2	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-6 (0-4')  
E307158-28

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330088
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		105 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		95.6 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330087
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane		91.4 %	50-200	07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330098
Chloride	719	20.0	1	07/28/23	07/28/23	





## Sample Data

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

Project Name: Mesquite Booster Line  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
7/31/2023 2:54:46PM

SW-7 (0-4')

E307158-29

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330088
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		103 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		103 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330087
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane		105 %	50-200	07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330098
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-8 (0-4')  
E307158-30

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330088
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: IY		Batch: 2330088
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene		102 %	70-130	07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4		93.8 %	70-130	07/28/23	07/28/23	
Surrogate: Toluene-d8		102 %	70-130	07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2330087
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane		103 %	50-200	07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2330098
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-9 (0-4')  
E307158-31

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	96.9 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.4 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	96.9 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	106 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	132	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-10 (0-4')  
E307158-32

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	102 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	95.7 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	102 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.3 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	95.7 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	107 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	7270	100	5	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-11 (0-4')  
E307158-33

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	96.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	103 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	101 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	96.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	112 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	9500	400	20	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-12 (0-4')  
E307158-34

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	102 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	95.4 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	102 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.2 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	95.4 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	112 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	ND	20.0	1	07/28/23	07/28/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-13 (0-4')  
E307158-35

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	98.9 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	92.7 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	94.1 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	98.9 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	116 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	241	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-14 (0-4')  
E307158-36

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	92.3 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	99.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	92.3 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	95.2 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	99.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	109 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	40.6	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-15 (0-4')  
E307158-37

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	99.2 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	93.0 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	96.8 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	99.2 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	95.4 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	ND	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-16 (0-3')  
E307158-38

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	98.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	93.2 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	98.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	98.0 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	94.0 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	132	20.0	1	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-17 (0-3')  
E307158-39

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	98.5 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	98.5 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	95.0 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	9370	200	10	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-18 (0-2')  
E307158-40

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	94.4 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	99.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330088	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	94.4 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	99.2 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	99.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330087	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	95.9 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330098	
Chloride	2470	40.0	2	07/28/23	07/28/23	





Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-19 (0-2')  
E307158-41

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	98.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	100 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	98.6 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330096	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	92.7 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330099	
Chloride	3190	40.0	2	07/28/23	07/28/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 7/31/2023 2:54:46PM
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SW-20 (0-3')  
E307158-42

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organic Compounds by EPA 8260B</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Benzene	ND	0.0250	1	07/28/23	07/28/23	
Ethylbenzene	ND	0.0250	1	07/28/23	07/28/23	
Toluene	ND	0.0250	1	07/28/23	07/28/23	
o-Xylene	ND	0.0250	1	07/28/23	07/28/23	
p,m-Xylene	ND	0.0500	1	07/28/23	07/28/23	
Total Xylenes	ND	0.0250	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	99.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg	Analyst: IY		Batch: 2330110	
Gasoline Range Organics (C6-C10)	ND	20.0	1	07/28/23	07/28/23	
Surrogate: Bromofluorobenzene	93.8 %	70-130		07/28/23	07/28/23	
Surrogate: 1,2-Dichloroethane-d4	95.5 %	70-130		07/28/23	07/28/23	
Surrogate: Toluene-d8	99.1 %	70-130		07/28/23	07/28/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg	Analyst: JL		Batch: 2330096	
Diesel Range Organics (C10-C28)	ND	25.0	1	07/28/23	07/28/23	
Oil Range Organics (C28-C36)	ND	50.0	1	07/28/23	07/28/23	
Surrogate: n-Nonane	90.8 %	50-200		07/28/23	07/28/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg	Analyst: BA		Batch: 2330099	
Chloride	266	20.0	1	07/28/23	07/28/23	



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	7/31/2023 2:54:46PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2330088-BLK1) Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2330088-BS1) Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	2.52	0.0250	2.50		101	70-130			
Ethylbenzene	2.46	0.0250	2.50		98.5	70-130			
Toluene	2.47	0.0250	2.50		98.6	70-130			
o-Xylene	2.49	0.0250	2.50		99.7	70-130			
p,m-Xylene	4.96	0.0500	5.00		99.2	70-130			
Total Xylenes	7.45	0.0250	7.50		99.4	70-130			
Surrogate: Bromofluorobenzene	0.516		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		95.0	70-130			
Surrogate: Toluene-d8	0.514		0.500		103	70-130			

Matrix Spike (2330088-MS1) Source: E307158-27 Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	2.52	0.0250	2.50	ND	101	48-131			
Ethylbenzene	2.45	0.0250	2.50	ND	98.0	45-135			
Toluene	2.44	0.0250	2.50	ND	97.5	48-130			
o-Xylene	2.53	0.0250	2.50	ND	101	43-135			
p,m-Xylene	5.00	0.0500	5.00	ND	100	43-135			
Total Xylenes	7.53	0.0250	7.50	ND	100	43-135			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.482		0.500		96.4	70-130			
Surrogate: Toluene-d8	0.508		0.500		102	70-130			

Matrix Spike Dup (2330088-MSD1) Source: E307158-27 Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	2.52	0.0250	2.50	ND	101	48-131	0.159	23	
Ethylbenzene	2.48	0.0250	2.50	ND	99.2	45-135	1.18	27	
Toluene	2.48	0.0250	2.50	ND	99.1	48-130	1.63	24	
o-Xylene	2.53	0.0250	2.50	ND	101	43-135	0.119	27	
p,m-Xylene	5.07	0.0500	5.00	ND	101	43-135	1.40	27	
Total Xylenes	7.60	0.0250	7.50	ND	101	43-135	0.892	27	
Surrogate: Bromofluorobenzene	0.522		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.476		0.500		95.1	70-130			
Surrogate: Toluene-d8	0.512		0.500		102	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	7/31/2023 2:54:46PM

Volatile Organic Compounds by EPA 8260B

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2330110-BLK1) Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			

LCS (2330110-BS1) Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	2.38	0.0250	2.50		95.1	70-130			
Ethylbenzene	2.27	0.0250	2.50		90.7	70-130			
Toluene	2.21	0.0250	2.50		88.6	70-130			
o-Xylene	2.30	0.0250	2.50		91.8	70-130			
p,m-Xylene	4.48	0.0500	5.00		89.6	70-130			
Total Xylenes	6.78	0.0250	7.50		90.4	70-130			
Surrogate: Bromofluorobenzene	0.514		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.485		0.500		97.0	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			

Matrix Spike (2330110-MS1) Source: E307159-47 Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	2.48	0.0250	2.50	ND	99.3	48-131			
Ethylbenzene	2.32	0.0250	2.50	ND	92.8	45-135			
Toluene	2.26	0.0250	2.50	ND	90.6	48-130			
o-Xylene	2.35	0.0250	2.50	ND	94.0	43-135			
p,m-Xylene	4.58	0.0500	5.00	ND	91.6	43-135			
Total Xylenes	6.93	0.0250	7.50	ND	92.4	43-135			
Surrogate: Bromofluorobenzene	0.500		0.500		100	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.511		0.500		102	70-130			
Surrogate: Toluene-d8	0.476		0.500		95.2	70-130			

Matrix Spike Dup (2330110-MSD1) Source: E307159-47 Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	2.45	0.0250	2.50	ND	98.2	48-131	1.15	23	
Ethylbenzene	2.33	0.0250	2.50	ND	93.2	45-135	0.408	27	
Toluene	2.26	0.0250	2.50	ND	90.5	48-130	0.0221	24	
o-Xylene	2.33	0.0250	2.50	ND	93.4	43-135	0.619	27	
p,m-Xylene	4.55	0.0500	5.00	ND	91.1	43-135	0.613	27	
Total Xylenes	6.89	0.0250	7.50	ND	91.8	43-135	0.615	27	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.494		0.500		98.8	70-130			
Surrogate: Toluene-d8	0.481		0.500		96.2	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 2:54:46PM
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Volatile Organics by EPA 8021B

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330085-BLK1)

Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.83		8.00		97.9	70-130			

LCS (2330085-BS1)

Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	4.77	0.0250	5.00		95.4	70-130			
Ethylbenzene	4.66	0.0250	5.00		93.3	70-130			
Toluene	4.80	0.0250	5.00		96.0	70-130			
o-Xylene	4.81	0.0250	5.00		96.3	70-130			
p,m-Xylene	9.67	0.0500	10.0		96.7	70-130			
Total Xylenes	14.5	0.0250	15.0		96.6	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.85		8.00		98.1	70-130			

Matrix Spike (2330085-MS1)

Source: E307158-07

Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	4.78	0.0250	5.00	ND	95.5	54-133			
Ethylbenzene	4.67	0.0250	5.00	ND	93.4	61-133			
Toluene	4.81	0.0250	5.00	ND	96.2	61-130			
o-Xylene	4.82	0.0250	5.00	ND	96.4	63-131			
p,m-Xylene	9.68	0.0500	10.0	ND	96.8	63-131			
Total Xylenes	14.5	0.0250	15.0	ND	96.7	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.95		8.00		99.4	70-130			

Matrix Spike Dup (2330085-MSD1)

Source: E307158-07

Prepared: 07/28/23 Analyzed: 07/28/23

Benzene	4.81	0.0250	5.00	ND	96.2	54-133	0.710	20	
Ethylbenzene	4.71	0.0250	5.00	ND	94.1	61-133	0.810	20	
Toluene	4.85	0.0250	5.00	ND	96.9	61-130	0.748	20	
o-Xylene	4.87	0.0250	5.00	ND	97.3	63-131	1.01	20	
p,m-Xylene	9.76	0.0500	10.0	ND	97.6	63-131	0.797	20	
Total Xylenes	14.6	0.0250	15.0	ND	97.5	63-131	0.868	20	
Surrogate: 4-Bromochlorobenzene-PID	7.97		8.00		99.7	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 2:54:46PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330085-BLK1) Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.60		8.00		82.5	70-130			

LCS (2330085-BS2) Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	42.3	20.0	50.0		84.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.65		8.00		83.1	70-130			

Matrix Spike (2330085-MS2) Source: E307158-07 Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	43.6	20.0	50.0	ND	87.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.64		8.00		83.0	70-130			

Matrix Spike Dup (2330085-MSD2) Source: E307158-07 Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	42.7	20.0	50.0	ND	85.4	70-130	2.03	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.66		8.00		83.2	70-130			





QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	7/31/2023 2:54:46PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2330088-BLK1)

Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.523		0.500		105	70-130			

LCS (2330088-BS2)

Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	55.6	20.0	50.0		111	70-130			
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.464		0.500		92.7	70-130			
Surrogate: Toluene-d8	0.513		0.500		103	70-130			

Matrix Spike (2330088-MS2)

Source: E307158-27 Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	55.3	20.0	50.0	ND	111	70-130			
Surrogate: Bromofluorobenzene	0.525		0.500		105	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.481		0.500		96.1	70-130			
Surrogate: Toluene-d8	0.516		0.500		103	70-130			

Matrix Spike Dup (2330088-MSD2)

Source: E307158-27 Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	53.8	20.0	50.0	ND	108	70-130	2.70	20	
Surrogate: Bromofluorobenzene	0.520		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.475		0.500		94.9	70-130			
Surrogate: Toluene-d8	0.520		0.500		104	70-130			



QC Summary Data

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	7/31/2023 2:54:46PM

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	Notes
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	

Blank (2330110-BLK1) Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: Bromofluorobenzene	0.519		0.500		104	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.490		0.500		97.9	70-130			
Surrogate: Toluene-d8	0.482		0.500		96.4	70-130			

LCS (2330110-BS2) Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	41.4	20.0	50.0		82.8	70-130			
Surrogate: Bromofluorobenzene	0.510		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.483		0.500		96.6	70-130			
Surrogate: Toluene-d8	0.484		0.500		96.8	70-130			

Matrix Spike (2330110-MS2) Source: E307159-47 Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	43.8	20.0	50.0	ND	87.5	70-130			
Surrogate: Bromofluorobenzene	0.517		0.500		103	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.495		0.500		99.0	70-130			
Surrogate: Toluene-d8	0.477		0.500		95.3	70-130			

Matrix Spike Dup (2330110-MSD2) Source: E307159-47 Prepared: 07/28/23 Analyzed: 07/28/23

Gasoline Range Organics (C6-C10)	44.8	20.0	50.0	ND	89.5	70-130	2.30	20	
Surrogate: Bromofluorobenzene	0.508		0.500		102	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.499		0.500		99.8	70-130			
Surrogate: Toluene-d8	0.485		0.500		97.0	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 2:54:46PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330086-BLK1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	48.1		50.0		96.2	50-200			

LCS (2330086-BS1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Diesel Range Organics (C10-C28)	241	25.0	250		96.2	38-132			
Surrogate: n-Nonane	45.7		50.0		91.5	50-200			

Matrix Spike (2330086-MS1)					Source: E307158-07		Prepared: 07/28/23 Analyzed: 07/28/23		
Diesel Range Organics (C10-C28)	252	25.0	250	ND	101	38-132			
Surrogate: n-Nonane	45.3		50.0		90.6	50-200			

Matrix Spike Dup (2330086-MSD1)					Source: E307158-07		Prepared: 07/28/23 Analyzed: 07/28/23		
Diesel Range Organics (C10-C28)	249	25.0	250	ND	99.7	38-132	1.13	20	
Surrogate: n-Nonane	45.9		50.0		91.9	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 2:54:46PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330087-BLK1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	52.6		50.0		105	50-200			

LCS (2330087-BS1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Diesel Range Organics (C10-C28)	248	25.0	250		99.2	38-132			
Surrogate: n-Nonane	47.9		50.0		95.8	50-200			

Matrix Spike (2330087-MS1)					Source: E307158-40		Prepared: 07/28/23 Analyzed: 07/28/23		
Diesel Range Organics (C10-C28)	255	25.0	250	ND	102	38-132			
Surrogate: n-Nonane	48.1		50.0		96.3	50-200			

Matrix Spike Dup (2330087-MSD1)					Source: E307158-40		Prepared: 07/28/23 Analyzed: 07/28/23		
Diesel Range Organics (C10-C28)	257	25.0	250	ND	103	38-132	0.718	20	
Surrogate: n-Nonane	47.9		50.0		95.7	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 2:54:46PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: KM

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330096-BLK1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	43.4		50.0		86.8	50-200			

LCS (2330096-BS1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Diesel Range Organics (C10-C28)	245	25.0	250		98.0	38-132			
Surrogate: n-Nonane	45.7		50.0		91.5	50-200			

Matrix Spike (2330096-MS1)					Source: E307161-22		Prepared: 07/28/23 Analyzed: 07/28/23		
Diesel Range Organics (C10-C28)	246	25.0	250	ND	98.2	38-132			
Surrogate: n-Nonane	47.5		50.0		94.9	50-200			

Matrix Spike Dup (2330096-MSD1)					Source: E307161-22		Prepared: 07/28/23 Analyzed: 07/28/23		
Diesel Range Organics (C10-C28)	247	25.0	250	ND	98.8	38-132	0.647	20	
Surrogate: n-Nonane	46.7		50.0		93.5	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 2:54:46PM
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Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330097-BLK1)				Prepared: 07/28/23 Analyzed: 07/28/23					
Chloride	ND	20.0							
LCS (2330097-BS1)				Prepared: 07/28/23 Analyzed: 07/28/23					
Chloride	261	20.0	250		105	90-110			
Matrix Spike (2330097-MS1)				Source: E307158-01		Prepared: 07/28/23 Analyzed: 07/28/23			
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2330097-MSD1)				Source: E307158-01		Prepared: 07/28/23 Analyzed: 07/28/23			
Chloride	262	20.0	250	ND	105	80-120	1.05	20	





QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 2:54:46PM
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Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330098-BLK1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Chloride	ND	20.0							
LCS (2330098-BS1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Chloride	263	20.0	250		105	90-110			
Matrix Spike (2330098-MS1)					Source: E307158-21		Prepared: 07/28/23 Analyzed: 07/28/23		
Chloride	258	20.0	250	ND	103	80-120			
Matrix Spike Dup (2330098-MSD1)					Source: E307158-21		Prepared: 07/28/23 Analyzed: 07/28/23		
Chloride	262	20.0	250	ND	105	80-120	1.27	20	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Line Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  7/31/2023 2:54:46PM
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Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2330099-BLK1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Chloride	ND	20.0							
LCS (2330099-BS1)					Prepared: 07/28/23 Analyzed: 07/28/23				
Chloride	247	20.0	250		98.8	90-110			
Matrix Spike (2330099-MS1)					Source: E307158-41		Prepared: 07/28/23 Analyzed: 07/28/23		
Chloride	3310	40.0	250	3190	49.0	80-120			M4
Matrix Spike Dup (2330099-MSD1)					Source: E307158-41		Prepared: 07/28/23 Analyzed: 07/28/23		
Chloride	3380	40.0	250	3190	76.6	80-120	2.06	20	M4

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



Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Line	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	07/31/23 14:54

- M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- RPD Relative Percent Difference
- DNI Did Not Ignite

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

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





## Chain of Custody

Work Order No: E307158

2106-0007  
01058-0007 cm

Page 1 of 5

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@dv.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:		Mesquite Booster Line		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		236829		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H <sub>2</sub> O							
Project Location		Lea Co. NM		Due Date:		24hr														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 #:		nAPP2301125598																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No														H <sub>3</sub> PO <sub>4</sub> : HP					
Received Intact:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID:																NaHSO <sub>4</sub> : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:																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:		4														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-71 (3')		7/27/2023				X				Comp		1		X X X												1	
CS-72 (3')		7/27/2023				X				Comp		1		X X X												2	
CS-73 (3')		7/27/2023				X				Comp		1		X X X												3	
CS-74 (3')		7/27/2023				X				Comp		1		X X X												4	
CS-75 (3')		7/27/2023				X				Comp		1		X X X												5	
CS-76 (3')		7/27/2023				X				Comp		1		X X X												6	
CS-77 (3')		7/27/2023				X				Comp		1		X X X												7	
CS-78 (3')		7/27/2023				X				Comp		1		X X X												8	
CS-79 (3')		7/27/2023				X				Comp		1		X X X												9	
CS-80 (2')		7/27/2023				X				Comp		1		X X X												10	

Additional Comments:

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

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 <i>[Signature]</i>	<i>Michelle Guzman</i>	7-27-23 10:30	<i>Michelle Guzman</i>	<i>Andrew mso</i>	7-27-23 17:00
3 <i>Andrew mso</i>	<i>Carth M...</i>	7/28/23 6:00			
5					





## Chain of Custody

Work Order No: E307158

 2106-0001  
 01058-0007 cm  
 Page 2 of 5

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@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: <input type="checkbox"/>

Project Name:		Mesquite Booster Line		Turn Around				ANALYSIS REQUEST												Preservative Codes			
Project Number:		236829		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H <sub>2</sub> O			
Project Location:		Lea Co. NM		Due Date:		24hr														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 #:		nAPP2301125598																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No														H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID:																NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:		Yes No N/A		Correction Factor:																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:		4														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-81 (2')		7/27/2023		X		Comp	1	X	X	X									11				
CS-82 (2')		7/27/2023		X		Comp	1	X	X	X									12				
CS-83 (2')		7/27/2023		X		Comp	1	X	X	X									13				
CS-84 (3')		7/27/2023		X		Comp	1	X	X	X									14				
CS-85 (2')		7/27/2023		X		Comp	1	X	X	X									15				
CS-86 (3')		7/27/2023		X		Comp	1	X	X	X									16				
CS-87 (2')		7/27/2023		X		Comp	1	X	X	X									17				
CS-88 (3')		7/27/2023		X		Comp	1	X	X	X									18				
CS-89 (2')		7/27/2023		X		Comp	1	X	X	X									19				
CS-90 (4')		7/27/2023		X		Comp	1	X	X	X									20				

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>	<i>Micelle Cruzado</i>	7-27-23 10:30	2 <i>Micelle Cruzado</i>	<i>Adrian Messo</i>	7-27-23 17:30
3 <i>Adrian Messo</i>	<i>Ethan Sessums</i>	7/28/23 6:00	4		
5			6		





## Chain of Custody

Work Order No: E307158

~~2106-0001~~  
01058-0007 cm.

Page 3 of 5







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:	<a href="mailto:Wesley.Mathews@dvn.com">Wesley.Mathews@dvn.com</a>

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"/> FRRP <input type="checkbox"/> Level IV <input type="checkbox"/>		
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:		

[illegible]

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				7-27-23 10:30	2				7-27-23 17:30
3				7/28/23 6:00	4				
5					6				









## Chain of Custody

Work Order No: E307158

~~2100-0001~~  
01058-0007 cm  
Page 5 of 5


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:	<a href="mailto:Wesley.Mathews@dvn.com">Wesley.Mathews@dvn.com</a>

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

[illegible]

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	
1		Michelle Cuyales	7-27-23	10:30	2
3	Michelle Cuyales	Michelle Cuyales	7/28/23	6:00	4
5					6

## Envirotech Analytical Laboratory

Printed: 7/28/2023 10:20:06AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	NTG-New Tech Global Environmental	Date Received:	07/28/23 06:00	Work Order ID:	E307158
Phone:	(281) 872-9300	Date Logged In:	07/27/23 15:22	Logged In By:	Caitlin Mars
Email:	esessums@ntglobal.com	Due Date:	07/28/23 17:00 (0 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

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

Sample Turn Around Time (TAT)

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

Sample Cooler

7. Was a sample cooler received? Yes
8. If yes, was cooler received in good condition? Yes
9. Was the sample(s) received intact, i.e., not broken? Yes
10. Were custody/security seals present? Yes
11. If yes, were custody/security seals intact? Yes
12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C Yes

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 

Sample ID?	Yes
Date/Time Collected?	No
Collectors name?	No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.



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

August 03, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESQUITE BOOSTER LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/01/23 13:54.

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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 49 4' (H234051-01)**

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	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTEX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 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	352	16.0	08/02/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	181	90.6	200	4.25	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	196	97.8	200	8.69	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 97.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager





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**Analytical Results For:**

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

Received: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 50 4' (H234051-02)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTEX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2240	16.0	08/02/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	181	90.6	200	4.25	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	196	97.8	200	8.69	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 91.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 51 4' (H234051-03)**

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	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	08/02/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	181	90.6	200	4.25	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	196	97.8	200	8.69	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 98.6 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 52 3' (H234051-04)**

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	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTEX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	08/02/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 53 3' (H234051-05)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTEX	<0.300	0.300	08/02/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3760	16.0	08/02/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 54 3' (H234051-06)**

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	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTEx	<0.300	0.300	08/02/2023	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	2120	16.0	08/02/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
<b>DRO &gt;C10-C28*</b>	<b>32.8</b>	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 95.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 55 3' (H234051-07)**

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	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTEX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	2960	16.0	08/02/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 56 3' (H234051-08)**

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	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTEX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	3840	16.0	08/02/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 57 3' (H234051-09)**

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	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTEx	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 126 % 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	08/02/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 58 3' (H234051-10)**

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	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	08/02/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 105 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 59 3' (H234051-11)**

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	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTEX	<0.300	0.300	08/02/2023	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	160	16.0	08/02/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 60 3' (H234051-12)**

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	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTEx	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	5440	16.0	08/02/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 101 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 61 3' (H234051-13)**

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	08/02/2023	ND	1.92	95.8	2.00	5.81	
Toluene*	<0.050	0.050	08/02/2023	ND	2.07	103	2.00	4.26	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.22	111	2.00	3.03	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.82	114	6.00	2.25	
Total BTX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	08/02/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 62 3' (H234051-14)**

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	2520	16.0	08/02/2023	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 63 3' (H234051-15)**

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	08/02/2023	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 64 3' (H234051-16)**

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	08/02/2023	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	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 104 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 65 3' (H234051-17)**

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	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	9200	16.0	08/02/2023	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	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 112 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 66 3' (H234051-18)**

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	3280	16.0	08/02/2023	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	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 115 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 67 3' (H234051-19)**

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/02/2023	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	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 95.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 68 3' (H234051-20)**

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	08/02/2023	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	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 98.5 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 69 3' (H234051-21)**

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEX	<0.300	0.300	08/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	192	16.0	08/02/2023	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	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	37.5	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	45.9	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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: 08/01/2023  
 Reported: 08/03/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/01/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Tamara Oldaker

**Sample ID: CS - 70 3' (H234051-22)**

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	08/02/2023	ND	2.20	110	2.00	1.44	
Toluene*	<0.050	0.050	08/02/2023	ND	2.15	108	2.00	2.12	
Ethylbenzene*	<0.050	0.050	08/02/2023	ND	2.05	103	2.00	1.92	
Total Xylenes*	<0.150	0.150	08/02/2023	ND	6.15	102	6.00	1.63	
Total BTEx	<0.300	0.300	08/02/2023	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	32.0	16.0	08/02/2023	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	08/02/2023	ND	188	93.9	200	6.28	
DRO >C10-C28*	<10.0	10.0	08/02/2023	ND	199	99.4	200	14.5	
EXT DRO >C28-C36	<10.0	10.0	08/02/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



## Chain of Custody

Work Order No: H234051

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: Mesquite Booster Line		Turn Around		ANALYSIS REQUEST												Preservative Codes											
Project Number: 236829		<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code														None: NO DI Water: H <sub>2</sub> O									
Project Location: Lea Co. NM		Due Date: 4/8/24		Parameters		BTEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500												Cool: Cool MeOH: Me									
Sampler's Name: Jordan Turner		TAT starts the day received by the lab, if received by 4:30pm																HCL: HC HNO <sub>3</sub> : HN									
PO #:																		H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub> NaOH: Na									
																		H <sub>3</sub> PO <sub>4</sub> : HP									
SAMPLE RECEIPT		Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				HOLD												NaHSO <sub>4</sub> : NABIS							
Received-Intact: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID: 140				Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> : NaSO <sub>3</sub>																					
Cooler Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor: 1.3				Zn Acetate+NaOH: Zn																					
Sample Custody Seals: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading: 1.3				NaOH+Ascorbic Acid: SAPC																					
Total Containers: 12		Corrected Temperature:																									
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-49 4'		8/1/2023				X				Comp		1		X X X													
CS-50 4'		8/1/2023				X				Comp		1		X X X													
CS-51 4'		8/1/2023				X				Comp		1		X X X													
CS-52 3'		8/1/2023				X				Comp		1		X X X													
CS-53 3'		8/1/2023				X				Comp		1		X X X													
CS-54 3'		8/1/2023				X				Comp		1		X X X													
CS-55 3'		8/1/2023				X				Comp		1		X X X													
CS-56 3'		8/1/2023				X				Comp		1		X X X													
CS-57 3'		8/1/2023				X				Comp		1		X X X													
CS-58 3'		8/1/2023				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		2		8-1-23 1354		3		4		5	
3		4				5		6			
5		6									





## Chain of Custody

Work Order No: H234051Page 2 of 3

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@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: <input type="checkbox"/>

Project Name:		Turn Around		ANALYSIS REQUEST												Preservative Codes				
Project Number:	236829	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush		Pres. Code													None: NO	DI Water: H <sub>2</sub> O		
Project Location	Lea Co. NM	Due Date:	48 hr	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD									Cool: Cool	MeOH: Me		
Sampler's Name:	Kellen Smith	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO <sub>3</sub> : HN		
PO #:																	H <sub>2</sub> SO <sub>4</sub> : H <sub>2</sub>	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes No														Wet Ice:	Yes No	H <sub>3</sub> PO <sub>4</sub> : HP	
Received Intact:	Yes No	Thermometer ID:	140														NaHSO <sub>4</sub> : NABIS			
Cooler Custody Seals:	Yes No N/A	Correction Factor:		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:	1.3°C	Zn Acetate+NaOH: Zn																
Total Containers:	12	Corrected Temperature:		NaOH+Ascorbic Acid: SAPC																
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
CS-59 3'	8/1/2023		X		Comp	1	X	X	X											
CS-60 3'	8/1/2023		X		Comp	1	X	X	X											
CS-61 3'	8/1/2023		X		Comp	1	X	X	X											
CS-62 3'	8/1/2023		X		Comp	1	X	X	X											
CS-63 3'	8/1/2023		X		Comp	1	X	X	X											
CS-64 3'	8/1/2023		X		Comp	1	X	X	X											
CS-65 3'	8/1/2023		X		Comp	1	X	X	X											
CS-66 3'	8/1/2023		X		Comp	1	X	X	X											
CS-67 3'	8/1/2023		X		Comp	1	X	X	X											
CS-68 3'	8/1/2023		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	<i>[Signature]</i>	8-1-23 1354	2		
3			4		
5			6		

Revised Date 05/12/2020 Rev. 2020.1







Page 3 of 3

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"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

[illegible]

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				8-1-23 1354	2				
3					4				
5					6				



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

August 15, 2023

ETHAN SESSUMS

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESQUITE BOOSTER LINE

Enclosed are the results of analyses for samples received by the laboratory on 08/11/23 14:32.

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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 6 (5') (H234353-01)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTEX	<0.300	0.300	08/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	4160	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 91.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 13 (5') (H234353-02)**

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	08/14/2023	ND	2.17	108	2.00	0.706		
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 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	6800	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 89.0 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 23 (5') (H234353-03)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTX	<0.300	0.300	08/14/2023	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	3600	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 98.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 52 (4') (H234353-04)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTEX	<0.300	0.300	08/14/2023	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	3640	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.0 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 53 (4') (H234353-05)**

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	08/14/2023	ND	2.17	108	2.00	0.706		
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	3200	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.4 % 49.1-148

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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**Analytical Results For:**

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

Received: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 54 (4') (H234353-06)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTX	<0.300	0.300	08/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	3640	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.2 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 55 (4') (H234353-07)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTX	<0.300	0.300	08/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 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	3720	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.8 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 56 (4') (H234353-08)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTX	<0.300	0.300	08/14/2023	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	2400	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 95.5 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 57 (4') (H234353-09)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTX	<0.300	0.300	08/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	2600	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 94.8 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 58 (4') (H234353-10)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTX	<0.300	0.300	08/14/2023	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	11600	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 60 (4') (H234353-11)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTX	<0.300	0.300	08/14/2023	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	13600	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 93.0 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 61 (4') (H234353-12)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTX	<0.300	0.300	08/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.7 % 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	16400	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 88.5 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 62 (4') (H234353-13)**

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	08/14/2023	ND	2.17	108	2.00	0.706		
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46		
Total BTX	<0.300	0.300	08/14/2023	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	3200	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 91.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.9 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 65 (4') (H234353-14)**

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	08/14/2023	ND	2.17	108	2.00	0.706		
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46		
Total BTX	<0.300	0.300	08/14/2023	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	2000	16.0	08/14/2023	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	08/14/2023	ND	151	75.5	200	2.97	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	152	76.1	200	2.94	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: CS - 66 (4') (H234353-15)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTEX	<0.300	0.300	08/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	2600	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 97.0 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 4A (0-4') (H234353-16)**

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	08/14/2023	ND	2.17	108	2.00	0.706	
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46	
Total BTEX	<0.300	0.300	08/14/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	32.0	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 5A (0-4') (H234353-17)**

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	08/14/2023	ND	2.17	108	2.00	0.706		
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46		
Total BTX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	<16.0	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 90.2 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 6A (0-4') (H234353-18)**

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	08/14/2023	ND	2.17	108	2.00	0.706		
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46		
Total BTEX	<0.300	0.300	08/14/2023	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	<16.0	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 88.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.4 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 10A (0-4') (H234353-19)**

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	08/14/2023	ND	2.17	108	2.00	0.706		
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	<16.0	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.5 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 11A (0-4') (H234353-20)**

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	08/14/2023	ND	2.17	108	2.00	0.706		
Toluene*	<0.050	0.050	08/14/2023	ND	2.10	105	2.00	0.448		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	2.06	103	2.00	1.17		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.25	104	6.00	1.46		
Total BTEX	<0.300	0.300	08/14/2023	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	<16.0	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.1 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 17A (0-3') (H234353-21)**

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	08/14/2023	ND	2.05	102	2.00	2.79		
Toluene*	<0.050	0.050	08/14/2023	ND	1.99	99.4	2.00	2.93		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.99	99.6	2.00	0.407		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.01	100	6.00	0.966		
Total BTEX	<0.300	0.300	08/14/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	<16.0	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.4 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 18A (0-2') (H234353-22)**

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	08/14/2023	ND	2.05	102	2.00	2.79		
Toluene*	<0.050	0.050	08/14/2023	ND	1.99	99.4	2.00	2.93		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.99	99.6	2.00	0.407		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.01	100	6.00	0.966		
Total BTEX	<0.300	0.300	08/14/2023	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	<16.0	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 84.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 19A (0-2') (H234353-23)**

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	08/14/2023	ND	2.05	102	2.00	2.79		
Toluene*	<0.050	0.050	08/14/2023	ND	1.99	99.4	2.00	2.93		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.99	99.6	2.00	0.407		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.01	100	6.00	0.966		
Total BTEX	<0.300	0.300	08/14/2023	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	<16.0	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 95.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.8 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 21 (2-3') (H234353-24)**

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	08/14/2023	ND	2.05	102	2.00	2.79	
Toluene*	<0.050	0.050	08/14/2023	ND	1.99	99.4	2.00	2.93	
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.99	99.6	2.00	0.407	
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.01	100	6.00	0.966	
Total BTX	<0.300	0.300	08/14/2023	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	<16.0	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.9 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 22 (3-4') (H234353-25)**

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	08/14/2023	ND	2.05	102	2.00	2.79		
Toluene*	<0.050	0.050	08/14/2023	ND	1.99	99.4	2.00	2.93		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.99	99.6	2.00	0.407		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.01	100	6.00	0.966		
Total BTEX	<0.300	0.300	08/14/2023	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	<16.0	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 92.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 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: 08/11/2023  
 Reported: 08/15/2023  
 Project Name: MESQUITE BOOSTER LINE  
 Project Number: 236829  
 Project Location: DEVON - LEA COUNTY, NM

Sampling Date: 08/11/2023  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Shalyn Rodriguez

**Sample ID: SW - 23 (3-4') (H234353-26)**

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	08/14/2023	ND	2.05	102	2.00	2.79		
Toluene*	<0.050	0.050	08/14/2023	ND	1.99	99.4	2.00	2.93		
Ethylbenzene*	<0.050	0.050	08/14/2023	ND	1.99	99.6	2.00	0.407		
Total Xylenes*	<0.150	0.150	08/14/2023	ND	6.01	100	6.00	0.966		
Total BTEX	<0.300	0.300	08/14/2023	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	<16.0	16.0	08/14/2023	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	08/14/2023	ND	176	88.2	200	0.0442	
DRO >C10-C28*	<10.0	10.0	08/14/2023	ND	182	91.2	200	6.73	
EXT DRO >C28-C36	<10.0	10.0	08/14/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager

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### Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

---

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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: 1234353



Page 1 of 3

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"/> TRRP <input type="checkbox"/> Level IV <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

[illegible]

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 		8/11/23 1432	2		
3			4		
5			6		





Chain of Custody

Work Order No: 1834353

Page 2 of 3

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@dev.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: EDO <input type="checkbox"/> ADAPT <input type="checkbox"/> Other:	

Project Name:	Mesquite Booster Line	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	236829	Due Date:	4/8/24													None: NO	DI Water: H <sub>2</sub> O
Project Location:	Lea Co. NM															Cool: Cool	MeOH: Me
Sampler's Name:	Kellan Smith															HCL: HC	HNO <sub>3</sub> : HN
PO #:	nAPP2301125598															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 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:												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:	2.2											Zn Acetate+NaOH: Zn			
Total Containers:	26	Corrected Temperature:												NaOH+Ascorbic Acid: SAPC			

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont	ANALYSIS REQUEST										Sample Comments
CS-60 (4')	8/11/2023		X		Comp	1	X	X	X								118
CS-61 (4')	8/11/2023		X		Comp	1	X	X	X								113
CS-62 (4')	8/11/2023		X		Comp	1	X	X	X								114
CS-65 (4')	8/11/2023		X		Comp	1	X	X	X								115
CS-66 (4')	8/11/2023		X		Comp	1	X	X	X								116
SW-4A (0-4')	8/11/2023		X		Comp	1	X	X	X								117
SW-5A (0-4')	8/11/2023		X		Comp	1	X	X	X								118
SW-6A (0-4')	8/11/2023		X		Comp	1	X	X	X								119
SW-10A (0-4')	8/11/2023		X		Comp	1	X	X	X								120
SW-11A (0-4')	8/11/2023		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	2	8/11/23 1432	3	4	
4	5		6		





Chain of Custody

Work Order No: 18234353

Page 3 of 3

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@dev.com

Work Order Comments	
Program: UST/PST <input type="checkbox"/> RP <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:	Mesquite Booster Line	Turn Around	<input type="checkbox"/> Routine <input checked="" type="checkbox"/> Rush	Pres. Code	ANALYSIS REQUEST										Preservative Codes			
Project Number:	236829	Due Date:	4/1/24												None: NO	DI Water: H <sub>2</sub> O		
Project Location:	Lee Co. NM	TAT starts the day received by the lab, if received by 4:30pm													Cool: Cool	MeOH: Me		
Sampler's Name:	Kellan Smith														HCL HC	HNO <sub>3</sub> : HN		
PO #:	nAPP2301125598														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:													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:	2.2°C												Zn Acetate+NaOH: Zn			
Total Containers:	26	Corrected Temperature:													NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
SW-17A (0-3')	8/11/2023		X		Comp	1	X	X	X							21		
SW-18A (0-2')	8/11/2023		X		Comp	1	X	X	X							22		
SW-19A (0-2')	8/11/2023		X		Comp	1	X	X	X							23		
SW-21 (2-3')	8/11/23		X													24		
SW-22 (3-4')	8/11/23		X													25		
SW-23 (3-4')	8/11/23		X													26		

Additional Comments:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		8/16/23 1432			



Report to:  
Ethan Sessums



# envirotech

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## Analytical Report

NTG-New Tech Global Environmental

Project Name: Mesquite Booster Pump

Work Order: E312027

Job Number: 01058-0007

Received: 12/6/2023

Revision: 1

Report Reviewed By:

Walter Hinchman  
Laboratory Director  
12/7/23

5796 U.S. Hwy 64  
Farmington, NM 87401

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



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.  
Statement of Data Authenticity: Envirotech Inc. attests the data reported has not been altered in any way.  
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Envirotech Inc. holds the Utah TNI certification NM00979 for data reported.  
Envirotech Inc. holds the Texas TNI certification T104704557 for data reported.

Date Reported: 12/7/23

Ethan Sessums  
911 Regional Park Dr.  
Houston, TX 77060



Project Name: Mesquite Booster Pump  
Workorder: E312027  
Date Received: 12/6/2023 7:30:00AM

Ethan Sessums,

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

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

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

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

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

Respectfully,

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

**Raina Schwanz**  
Laboratory Administrator  
Office: 505-632-1881  
[rainaschwanz@envirotech-inc.com](mailto:rainaschwanz@envirotech-inc.com)

**Alexa Michaels**  
Sample Custody Officer  
Office: 505-632-1881  
[labadmin@envirotech-inc.com](mailto:labadmin@envirotech-inc.com)

Field Offices:

**Southern New Mexico Area**

**Lynn Jarboe**  
Laboratory Technical Representative  
Office: 505-421-LABS(5227)  
Cell: 505-320-4759  
[ljjarboe@envirotech-inc.com](mailto:ljjarboe@envirotech-inc.com)

**Michelle Golzaes**  
Client Representative  
Office: 505-421-LABS(5227)  
Cell: 505-947-8222  
[mgonzales@envirotech-inc.com](mailto:mgonzales@envirotech-inc.com)

Envirotech Web Address: [www.envirotech-inc.com](http://www.envirotech-inc.com)

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Sample Summary

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Pump	Reported:
911 Regional Park Dr.	Project Number:	01058-0007	
Houston TX, 77060	Project Manager:	Ethan Sessums	12/07/23 14:17

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW-24 4-5'	E312027-01A	Soil	12/04/23	12/06/23	Glass Jar, 4 oz.
SW-25 4-5'	E312027-02A	Soil	12/04/23	12/06/23	Glass Jar, 4 oz.
SW-26 4-5'	E312027-03A	Soil	12/04/23	12/06/23	Glass Jar, 4 oz.



## Sample Data

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

Project Name: Mesquite Booster Pump  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/7/2023 2:17:20PM

SW-24 4-5'

E312027-01

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349063
Benzene	ND	0.0250	1	12/06/23	12/06/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/06/23	
Toluene	ND	0.0250	1	12/06/23	12/06/23	
o-Xylene	ND	0.0250	1	12/06/23	12/06/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/06/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	94.9 %	70-130		12/06/23	12/06/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349063
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	91.0 %	70-130		12/06/23	12/06/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2349062
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/23	12/06/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/23	12/06/23	
<i>Surrogate: n-Nonane</i>						
	77.4 %	50-200		12/06/23	12/06/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2349066
Chloride	ND	20.0	1	12/06/23	12/06/23	



Sample Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Pump Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported: 12/7/2023 2:17:20PM
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SW-25 4-5'  
E312027-02

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349063
Benzene	ND	0.0250	1	12/06/23	12/06/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/06/23	
Toluene	ND	0.0250	1	12/06/23	12/06/23	
o-Xylene	ND	0.0250	1	12/06/23	12/06/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/06/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	95.2 %	70-130		12/06/23	12/06/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349063
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	93.3 %	70-130		12/06/23	12/06/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2349062
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/23	12/07/23	
<i>Surrogate: n-Nonane</i>						
	78.3 %	50-200		12/06/23	12/07/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2349066
Chloride	ND	20.0	1	12/06/23	12/06/23	





## Sample Data

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

Project Name: Mesquite Booster Pump  
Project Number: 01058-0007  
Project Manager: Ethan Sessums

**Reported:**  
12/7/2023 2:17:20PM

SW-26 4-5'

E312027-03

Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349063
Benzene	ND	0.0250	1	12/06/23	12/06/23	
Ethylbenzene	ND	0.0250	1	12/06/23	12/06/23	
Toluene	ND	0.0250	1	12/06/23	12/06/23	
o-Xylene	ND	0.0250	1	12/06/23	12/06/23	
p,m-Xylene	ND	0.0500	1	12/06/23	12/06/23	
Total Xylenes	ND	0.0250	1	12/06/23	12/06/23	
<i>Surrogate: 4-Bromochlorobenzene-PID</i>						
	96.5 %	70-130		12/06/23	12/06/23	
<b>Nonhalogenated Organics by EPA 8015D - GRO</b>						
	mg/kg	mg/kg		Analyst: RKS		Batch: 2349063
Gasoline Range Organics (C6-C10)	ND	20.0	1	12/06/23	12/06/23	
<i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i>						
	87.8 %	70-130		12/06/23	12/06/23	
<b>Nonhalogenated Organics by EPA 8015D - DRO/ORO</b>						
	mg/kg	mg/kg		Analyst: JL		Batch: 2349062
Diesel Range Organics (C10-C28)	ND	25.0	1	12/06/23	12/07/23	
Oil Range Organics (C28-C36)	ND	50.0	1	12/06/23	12/07/23	
<i>Surrogate: n-Nonane</i>						
	76.6 %	50-200		12/06/23	12/07/23	
<b>Anions by EPA 300.0/9056A</b>						
	mg/kg	mg/kg		Analyst: BA		Batch: 2349066
Chloride	ND	20.0	1	12/06/23	12/06/23	



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Pump Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/7/2023 2:17:20PM
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Volatile Organics by EPA 8021B

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2349063-BLK1) Prepared: 12/06/23 Analyzed: 12/06/23

Benzene	ND	0.0250							
Ethylbenzene	ND	0.0250							
Toluene	ND	0.0250							
o-Xylene	ND	0.0250							
p,m-Xylene	ND	0.0500							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	7.75		8.00		96.9	70-130			

LCS (2349063-BS1) Prepared: 12/06/23 Analyzed: 12/06/23

Benzene	5.34	0.0250	5.00		107	70-130			
Ethylbenzene	5.29	0.0250	5.00		106	70-130			
Toluene	5.35	0.0250	5.00		107	70-130			
o-Xylene	5.31	0.0250	5.00		106	70-130			
p,m-Xylene	10.8	0.0500	10.0		108	70-130			
Total Xylenes	16.1	0.0250	15.0		107	70-130			
Surrogate: 4-Bromochlorobenzene-PID	7.69		8.00		96.1	70-130			

Matrix Spike (2349063-MS1) Source: E312027-03 Prepared: 12/06/23 Analyzed: 12/06/23

Benzene	5.46	0.0250	5.00	ND	109	54-133			
Ethylbenzene	5.38	0.0250	5.00	ND	108	61-133			
Toluene	5.46	0.0250	5.00	ND	109	61-130			
o-Xylene	5.41	0.0250	5.00	ND	108	63-131			
p,m-Xylene	10.9	0.0500	10.0	ND	109	63-131			
Total Xylenes	16.3	0.0250	15.0	ND	109	63-131			
Surrogate: 4-Bromochlorobenzene-PID	7.61		8.00		95.1	70-130			

Matrix Spike Dup (2349063-MSD1) Source: E312027-03 Prepared: 12/06/23 Analyzed: 12/06/23

Benzene	5.50	0.0250	5.00	ND	110	54-133	0.731	20	
Ethylbenzene	5.45	0.0250	5.00	ND	109	61-133	1.37	20	
Toluene	5.51	0.0250	5.00	ND	110	61-130	0.920	20	
o-Xylene	5.46	0.0250	5.00	ND	109	63-131	0.963	20	
p,m-Xylene	11.1	0.0500	10.0	ND	111	63-131	1.40	20	
Total Xylenes	16.5	0.0250	15.0	ND	110	63-131	1.25	20	
Surrogate: 4-Bromochlorobenzene-PID	7.60		8.00		95.0	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Pump Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/7/2023 2:17:20PM
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Nonhalogenated Organics by EPA 8015D - GRO

Analyst: RKS

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2349063-BLK1) Prepared: 12/06/23 Analyzed: 12/06/23

Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.19		8.00		89.9	70-130			

LCS (2349063-BS2) Prepared: 12/06/23 Analyzed: 12/06/23

Gasoline Range Organics (C6-C10)	48.9	20.0	50.0		97.8	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.24		8.00		90.4	70-130			

Matrix Spike (2349063-MS2) Source: E312027-03 Prepared: 12/06/23 Analyzed: 12/06/23

Gasoline Range Organics (C6-C10)	51.1	20.0	50.0	ND	102	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	70-130			

Matrix Spike Dup (2349063-MSD2) Source: E312027-03 Prepared: 12/06/23 Analyzed: 12/06/23

Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	1.07	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	70-130			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Pump Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/7/2023 2:17:20PM
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Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2349062-BLK1)					Prepared: 12/06/23 Analyzed: 12/06/23				
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C36)	ND	50.0							
Surrogate: n-Nonane	39.0		50.0		78.1	50-200			

LCS (2349062-BS1)					Prepared: 12/06/23 Analyzed: 12/06/23				
Diesel Range Organics (C10-C28)	215	25.0	250		85.9	38-132			
Surrogate: n-Nonane	39.8		50.0		79.7	50-200			

Matrix Spike (2349062-MS1)					Source: E311245-05		Prepared: 12/06/23 Analyzed: 12/06/23		
Diesel Range Organics (C10-C28)	216	25.0	250	ND	86.5	38-132			
Surrogate: n-Nonane	40.8		50.0		81.5	50-200			

Matrix Spike Dup (2349062-MSD1)					Source: E311245-05		Prepared: 12/06/23 Analyzed: 12/06/23		
Diesel Range Organics (C10-C28)	214	25.0	250	ND	85.7	38-132	0.986	20	
Surrogate: n-Nonane	40.0		50.0		80.0	50-200			



QC Summary Data

NTG-New Tech Global Environmental 911 Regional Park Dr. Houston TX, 77060	Project Name: Mesquite Booster Pump Project Number: 01058-0007 Project Manager: Ethan Sessums	Reported:  12/7/2023 2:17:20PM
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Anions by EPA 300.0/9056A

Analyst: BA

Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
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Blank (2349066-BLK1)				Prepared: 12/06/23 Analyzed: 12/06/23					
Chloride	ND	20.0							
LCS (2349066-BS1)				Prepared: 12/06/23 Analyzed: 12/06/23					
Chloride	249	20.0	250		99.4	90-110			
Matrix Spike (2349066-MS1)				Source: E312027-02		Prepared: 12/06/23 Analyzed: 12/06/23			
Chloride	248	20.0	250	ND	99.3	80-120			
Matrix Spike Dup (2349066-MSD1)				Source: E312027-02		Prepared: 12/06/23 Analyzed: 12/06/23			
Chloride	251	20.0	250	ND	100	80-120	0.987	20	

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



Definitions and Notes

NTG-New Tech Global Environmental	Project Name:	Mesquite Booster Pump	
911 Regional Park Dr.	Project Number:	01058-0007	Reported:
Houston TX, 77060	Project Manager:	Ethan Sessums	12/07/23 14:17

- ND      Analyte NOT DETECTED at or above the reporting limit
- NR      Not Reported
- RPD      Relative Percent Difference
- DNI      Did Not Ignite
- DNR      Did not react with the addition of acid or base.
- Note (1): Methods marked with \*\* are non-accredited methods.
- Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Work Order No: E312027  
Job # 01058-0007

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

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

[illegible]

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>DN</i>	<i>Michelle Gayle</i>	12-5-23 10:50	2 <i>Michelle Gayle</i>	<i>Andrew Russo</i>	12-5-23 1:00
3 <i>Andrew Russo</i>	<i>Pheniteno</i>	12/6/23 7:30	4		
5			6		

## Envirotech Analytical Laboratory

Printed: 12/6/2023 8:33:45AM

## Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

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

Client:	NTG-New Tech Global Environmental	Date Received:	12/06/23 07:30	Work Order ID:	E312027
Phone:	(281) 872-9300	Date Logged In:	12/05/23 14:43	Logged In By:	Jordan Montano
Email:	esssums@ntglobal.com	Due Date:	12/07/23 17:00 (1 day TAT)		

Chain of Custody (COC)

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

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

Carrier: CourierComments/Resolution

Time sampled not provided on COC per client.

Sample Turn Around Time (TAT)

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

Sample Cooler

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

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

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

Sample Container

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

Field Label

20. Were field sample labels filled out with the minimum information:
 

Sample ID?	Yes
Date/Time Collected?	No
Collectors name?	No

Sample Preservation

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

Multiphase Sample Matrix

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

Subcontract Laboratory

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

Client Instruction

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

Date



envirotech Inc.

**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

QUESTIONS  
  
Action 301892

QUESTIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:
	6137
	Action Number:
	301892
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2301125598
Incident Name	NAPP2301125598 MESQUITE BOOSTER PUMP 200 FEET NORTH OF THISTLE UN @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Approved

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MESQUITE BOOSTER PUMP 200 FEET NORTH OF THISTLE UN
Date Release Discovered	01/10/2023
Surface Owner	State

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Equipment Failure   Pipeline (Any)   Produced Water   Released: 14 BBL   Recovered: 1 BBL   Lost: 13 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	A one inch poly line on the mesquite booster burst due to high line pressure. The operator immediately turned off the VFDs to stop the leak. The booster is approximately 200 feet north of the Thistle Unit 153.

**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**

QUESTIONS, Page 2

Action 301892

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	301892
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

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

**Initial Response**

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

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

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 01/10/2024
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**District I**

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

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

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

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

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**1220 S. St Francis Dr.**  
**Santa Fe, NM 87505**

QUESTIONS, Page 3

Action 301892

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	301892
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Site Characterization**

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

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

**Remediation Plan**

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

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

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

Chloride (EPA 300.0 or SM4500 Cl B)	20400
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	9111
GRO+DRO (EPA SW-846 Method 8015M)	7981
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	07/27/2023
On what date will (or did) the final sampling or liner inspection occur	12/04/2023
On what date will (or was) the remediation complete(d)	12/07/2023
What is the estimated surface area (in square feet) that will be reclaimed	18043
What is the estimated volume (in cubic yards) that will be reclaimed	2416.5
What is the estimated surface area (in square feet) that will be remediated	18043
What is the estimated volume (in cubic yards) that will be remediated	2416.5

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

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

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QUESTIONS, Page 4

Action 301892

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 301892
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS****Remediation Plan (continued)**

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

**This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:**

(Select all answers below that apply.)

(Ex Situ) Excavation and <b>off-site</b> disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for <b>off-site</b> disposal	R360 Artesia LLC LANDFARM [FEEM0112340644]
<b>OR</b> which OCD approved well (API) will be used for <b>off-site</b> disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	No
<b>OR</b> is the <b>off-site</b> disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and <b>on-site</b> remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 01/16/2024
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.



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QUESTIONS, Page 5  
  
Action 301892

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:  6137
	Action Number:  301892
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

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

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QUESTIONS, Page 6

Action 301892

**QUESTIONS (continued)**

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	301892
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

**QUESTIONS**

Sampling Event Information	
Last sampling notification (C-141N) recorded	303782
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	11/30/2023
What was the (estimated) number of samples that were to be gathered	12
What was the sampling surface area in square feet	2500

**Remediation Closure Request**

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

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	400
What was the total volume (cubic yards) remediated	59.3
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	400
What was the total volume (in cubic yards) reclaimed	59.3
Summarize any additional remediation activities not included by answers (above)	see report

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

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

I hereby agree and sign off to the above statement	Name: Dale Woodall Title: EHS Professional Email: Dale.Woodall@dmn.com Date: 01/16/2024
--	--

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QUESTIONS, Page 7  
  
Action 301892

QUESTIONS (continued)

Operator:  DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID:	6137
	Action Number:	301892
	Action Type:	
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

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

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CONDITIONS  
  
Action 301892

CONDITIONS

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

Created By	Condition	Condition Date
nvelez	None	3/26/2024