

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	nAPP2326145212
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: BTA Oil Producers	OGRID: 260297
Contact Name: Kelton Beaird	Contact Telephone
Contact email: kbeaird@btaoil.com	Incident # (assigned by OCD) nAPP2326145212
Contact mailing address: 104 S. Pecos, Midland, TX 79701	

Location of Release Source

Latitude 32.06221 _____ Longitude -103.61441 _____
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Mesa B 10-13 18-21 Battery	Site Type: Tank Battery
Date Release Discovered: 9-16-23	API# (if applicable)

Unit Letter	Section	Township	Range	County
C	7	26S	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 checked="" type="checkbox"/> Crude Oil	Volume Released (bbls) unknown	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls) unknown	Volume Recovered (bbls) 45
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l? Unknown	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
<input type="checkbox"/> Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)

Cause of Release: The transfer pumps went down causing the tanks to overfill into the low pressure flare line, which came in contact with the flare burner, ignited causing a small fire and spill. The amount released was unknown, but the amount recovered was 45 bbls. measured by vac truck removal.

Incident ID	nAPP2326145212
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	If YES, for what reason(s) does the responsible party consider this a major release? Fire and 25 barrels or greater
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Yes, by Kelton Beard to OCD Enviro, Mike Bratcher, and Robert Hamlet by email.	

Initial Response

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

<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <input checked="" 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>Kelton Beard</u>	Title: <u>Environmental Manager</u>
Signature: <u></u>	Date: <u>09/19/2023</u>
email: <u>kbeard@btaoil.com</u>	Telephone: <u>432-312-2203</u>
<u>OCD Only</u> Received by: _____ Date: _____	



701 Tradewinds Blvd
Midland, Texas 79707
Tel. 432-766-1918
www.ntgenvironmental.com

June 24, 2024

Mike Bratcher
District Supervisor
Oil Conservation Division, District 1
1625 N. French Drive
Hobbs, New Mexico 88240

**Re: Site Characterization and Deferral Request
Mesa B 10-13 18-21 Battery
BTA Oil Producers
Site Location: Unit C, S7, T26S, R33E
(Lat 32.06221°, Long -103.61441°)
Lea County, New Mexico
Incident ID: nAPP2326145212**

1. Introduction

New Tech Global Environmental, LLC (NTGE), on behalf of BTA Oil Producers (BTA), submits this Site Characterization and Deferral Request to the NMOCD District 1 Office in Hobbs, New Mexico for documentation of initial soil delineation, sampling, analysis, and remediation activities conducted in the affected areas at the BTA Mesa B 10-13 18-21 Battery Release Site (Site). The Site is located in Unit Letter C, Section 07 of Township 26 South and Range 33 East in Lea County, New Mexico. The GPS coordinates for the release site are 32.06221° N Latitude and -103.61441° W Longitude. The release occurred on land managed by the Bureau of Land Management (BLM). Figures 1 and 2 depict the Site location.

2. Background

A C-141, Release Notification, for this release was submitted to the NMOCD on September 19, 2023. The C-141 stated that an unknown amount of produced water and crude oil were released with forty-five (45) bbls of produced water recovered. The release was due to the transfer pumps going down, causing the tanks to overfill into the low pressure flare line, which came in contact with the flare burner and ignited causing a small fire and spill. The release area is depicted on Figure 3.

The release falls under the jurisdiction of the NMOCD District 1 Office in Hobbs, New Mexico. The NMOCD assigned the release with Incident Number nAPP2326145212. The Release Notification, portion of Form C-141 are attached to the front of this report.

Mr. Mike Bratcher
June 24, 2024
Page 2 of 5

3. Groundwater and Site Characterization

Based on a review of the New Mexico Office of State Engineers and USGS databases, there are no known depth to groundwater sources and or features within a ½-mile radius of the location. No other receptors (playas, wetlands, waterways, lakebeds, or ordinance boundaries) were noted within the specified boundaries or distancing from the site. According to the Site Characterization map the site is located within a medium Karst area. The Site characterization documentation (NMOCD Oil and Gas Map, OSE POD Location Map, Significant Watercourse Map, Wetlands Map, and FEMA Map) are provided as Attachment A. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i), the Site is located within an area with an unknown depth to groundwater and meets the Closure Criteria for depth to groundwater less than fifty (50) feet in Table I.

NTGE characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release (Table I), from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12). The soil and closure criteria are listed below:

General Site Characterization and Groundwater:

Site Characterization	Average Groundwater Depth (ft)
Medium Karst	Unknown

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

Regulatory Standard	Chloride	TPH (GRO+DRO+MRO)	TPH (GRO+DRO)	Total BTEX	Benzene
19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release	600 mg/kg	100 mg/kg	--	50 mg/kg	10 mg/kg
Notes: --- = not defined					

4. Initial Excavation and Soil Delineation Assessment Summary and Findings

Prior to any surface disturbance or initial assessment activities, the BLM requested that an Archaeology Survey be conducted on any undisturbed areas that were going to be impacted by the release. Additionally, the BLM requested a Special Status Plant Species Survey (SSPS) to be conducted at the location for the Scheer's Beehive Cactus. Both surveys were completed, and the findings were submitted to the BLM, with no issues found. The SSPS can be found in Attachment C.

Once granted permission by the BLM, initial soil delineation activities were conducted. On February 12, 2024, and February 13, 2024, NTGE and Standard Safety and Supply

Mr. Mike Bratcher
June 24, 2024
Page 3 of 5

(Standard) mobilized to the site to begin an initial delineation assessment to assess the extent of impacts at the (Site). A total of sixteen (16) vertical sample points (V-1 through V-16) as well as twenty-eight (28) horizontal sample points (H-1 through H-28) were installed to characterize the impact of the release. Soil samples were collected in six (6) inch intervals ranging from depths of zero (0) to eleven-and-a-half (11.5) feet below ground surface (bgs) using a backhoe. All soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by EPA Method 8015B Modified, and chloride by EPA Method SM4500 by Cardinal Laboratories (Cardinal) in Hobbs, New Mexico.

Analytical results indicated soil samples V-1, V-2, V-4 through V-6, V-8, V-11, and V-15 exhibited concentrations above Table I Closure Criteria for TPH and/or chloride at varying depths. Concentrations for all horizontal samples were below the Table I Closure Criteria, except for H-20, which exceeded TPH concentration limits.

During installation of V-8 a liner was encountered at approximately four feet bgs, which indicated the presence of a reserve pit. Chloride concentrations were below NMOCD Table I Closure Criteria in the samples collected above V-8 4'-4.5'. Chloride concentrations become elevated starting at V-8 4'-4.5', which also indicates a reserve pit was located there. Delineation in the area continued to eleven and one half (11.5') feet where the chloride concentration were found to be below NMOCD Table I Closure Criteria. The pit was closed following NMOCD guidelines; therefore no excavation was conducted in the area so as to not disturb the reserve pit. Figure 9, Release Area Overview and Reserve Pit Map, depicts the footprint of the release area and the reserve pit area.

Figure 3, Initial Assessment Sample Map, depicts the outline of the release area and sample locations. Analytical results are provided on Table 1, Summary of Soil Analytical Data – Delineation Samples, and in the Laboratory Analytical Reports and Chain-of-Custody Documentation provided in Attachment D. A Photographic Log is provided in Attachment C.

5. Remedial Action Activities and Confirmation Sampling

Due to some of the initial soil samples exhibiting TPH and chloride concentrations above Table I Closure Criteria, remedial actions were required. BTA contracted NTGE and SDR Enterprises (SDR) to proceed with the remedial actions at the Site to include the excavation, contaminated soil transportation and disposal of impacted soils above regulatory limits.

Composite bottom hole and sidewall confirmation samples were collected by way of five (5) point composite samples from areas representing no greater than two hundred (200) square feet. The confirmation samples were analyzed for BTEX (EPA Method 8021B), TPH (EPA Method 8015M modified), and chloride (SM4500CI-B).

Between April 10, 2024, and April 15, 2024, NTGE and SDR mobilized to the site to begin walkthrough and remediation activities. Excavation of impacted areas started at the southern part of the release and progressed north towards the facility at varying depths from one (1) foot, to one-and-a-half (1.5') feet, to two-and-a-half feet (2.5') in depth based

Mr. Mike Bratcher
June 24, 2024
Page 4 of 5

on initial assessment results and field observations.

On April 16, 2024, NTGE conducted a confirmation sampling event, whereby one hundred and eight (108) bottom hole confirmation samples (CS-1 through CS-108), and sixteen (16) sidewall confirmation samples were collected and submitted to Cardinal Laboratory in Hobbs, New Mexico for analyses of BTEX, TPH, and chlorides. Analytical results indicated that nine (9) composite bottom samples (CS-9, CS-13, CS-17, CS-32, CS-53, CS-56, CS-61, CS-69, and CS-72), and four (4) sidewall composite samples (SW-2, SW-5, SW-6, and SW-8) exhibited TPH and/or chloride concentrations above Table I Closure Criteria. All other samples exhibited BTEX, TPH, and chloride concentrations below Table I Closure Criteria. Based on this data, further excavation activities were conducted by SDR.

On May 20 and 21, 2024, NTGE conducted a confirmation sampling event, whereby fourteen (14) bottom hole composite samples (CS-9A, CS-13A, CS-17A, CS-32A, CS-53A, CS-56A, CS-61A, CS-69A, CS-72A, and CS-109 through CS-113), eighteen (18) sidewall composite samples (SW-5A, SW-17 through SW-33), and one (1) horizontal delineation deferral sample (DH-2) were collected and submitted to Cardinal in Hobbs, New Mexico for analysis of BTEX, TPH, and chlorides. Lab analysis indicated that two (2) composite bottom samples (CS-109 and CS-110), and two (2) composite sidewall samples (SW-5A and SW-27) exhibited TPH concentrations above Table I Closure Criteria. Due to the proximity of the facility's infrastructure, the areas where SW-2 and SW-6 were collected on April 16, 2024, could not be further excavated without compromising the integrity of the facility and production equipment. Since horizontal expansion of the areas could not be conducted without compromising the integrity of production equipment and facility, NTGE utilized a geotechnical hand auger and collected a sample on the north side of the facility to horizontally delineate the area. Analytical results indicated that BTEX, TPH, and chloride concentrations were below Table I Closure Criteria, therefore the area had been fully delineated.

On June 6, 2024, NTGE and SDR returned to the site for further remedial activities to address the remaining impacted areas. NTGE conducted a final confirmation sampling event, whereby two (2) bottom hole confirmation samples (CS-109A and CS-110A) and three (3) sidewall composite samples (SW-5B, SW27A, and SW-34) were collected and submitted to Cardinal in Hobbs, New Mexico for analysis of BTEX, TPH, and chlorides. Analytical results indicated that all soil samples were below Table 1 Closure Criteria.

The final excavation extent is shown on Figure 4, - Excavation Overview Map, and confirmation sample locations are shown in Figures 5 through 8, - Confirmation Sample Map. Analytical results are provided on Table 2, Summary of Soil Analytical Data – Confirmation Samples, and the Laboratory Analytical Reports and Chain-of-Custody Documentation provided in Attachment E. The Site Characterization Documentation is provided as Attachment A, Confirmation Sampling Notifications are provided as Attachment B, and a Photographic Log of activities is provided as Attachment C. Additionally, a Special Status Plant Species Survey Report conducted by Conservation and Environmental Services (CEHMM) is provided as Attachment D.

6. Soils Disposition and Backfill Activities

Mr. Mike Bratcher
June 24, 2024
Page 5 of 5

Approximately 1,180 cubic yards of impacted material were transported offsite for disposal at R360's Antelope Draw Facility Battle Axe Road Facility located in Jal, New Mexico. The site will be backfilled with like-sourced materials and brought up to surface grade. With SDR's oversight responsibility for excavations and transportation of impacted soils, manifests were handled by them and aren't included in this report.

7. nAPP2326145212 Deferral Request

Based on the assessment, remediation efforts, and requisite confirmation sampling events, the Site is in compliance with NMOCD regulatory requirements with the exception of the areas immediately north of samples SW-2 and SW-6, as well as, the area surrounding the flare and its accompanying piping and production equipment. Further remediation of the area immediately north of SW-2 and SW-6 was not feasible without compromising or destabilizing the integrity of the facility infrastructure and equipment. Additionally, SW-8 exceeded regulatory thresholds; however, further excavation was not plausible due to its proximity to the flare. The impacted area is horizontally and vertically delineated by the surrounding sidewall and bottom hole confirmation samples taken around the flare. Based on supporting documentation provided in this report, NTGE, on behalf of BTA respectfully requests deferral of soils left in-situ above NMOCD standards near and around soil samples SW-2, SW-6, and SW-8, until time of abandonment or upgrade of equipment allows for accessibility to the area.

If you have any questions regarding this report or need additional information, please contact us at 432-444-3047.

Sincerely,

NTG Environmental

Nick Hart

Nick Hart
Project Manager

Rebecca Haskell

Becky Haskell
Environmental Manager/Sr. Project Manager

Attachments:

- Figure 1: Site Location Map
- Figure 2: Topographic Map
- Figure 3: Initial Assessment Sample Map
- Figure 4: Excavation Overview Map
- Figure 5: Confirmation Sample Map
- Figure 6: Confirmation Sample Map
- Figure 7: Confirmation Sample Map
- Figure 8: Confirmation Sample Map
- Figure 9: Release Area Overview and Reserve Pit Map
- Table 1: Summary of Soil Analytical Data – Delineation Samples

Mr. Mike Bratcher

June 24, 2024

Page 6 of 5

Table 2: Summary of Soil Analytical Data – Confirmation Samples

Attachment A: Site Characterization Documentation

Attachment B: Confirmation Sampling Notifications

Attachment C: Photographic Log

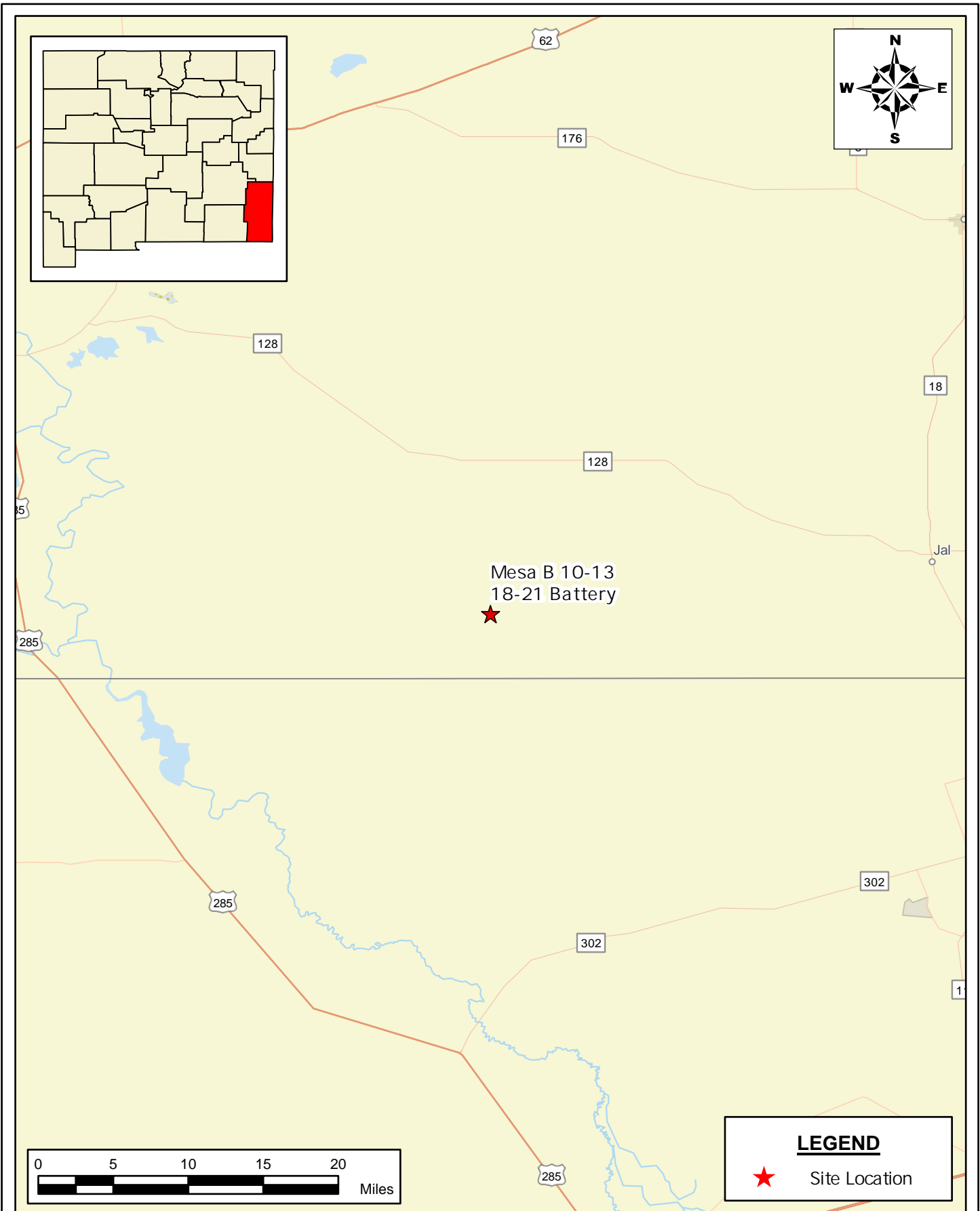
Attachment D: Special Status Plant Species Survey Report

Attachment E: Laboratory Analytical Reports and Chain-of-Custody Documentation

FIGURES

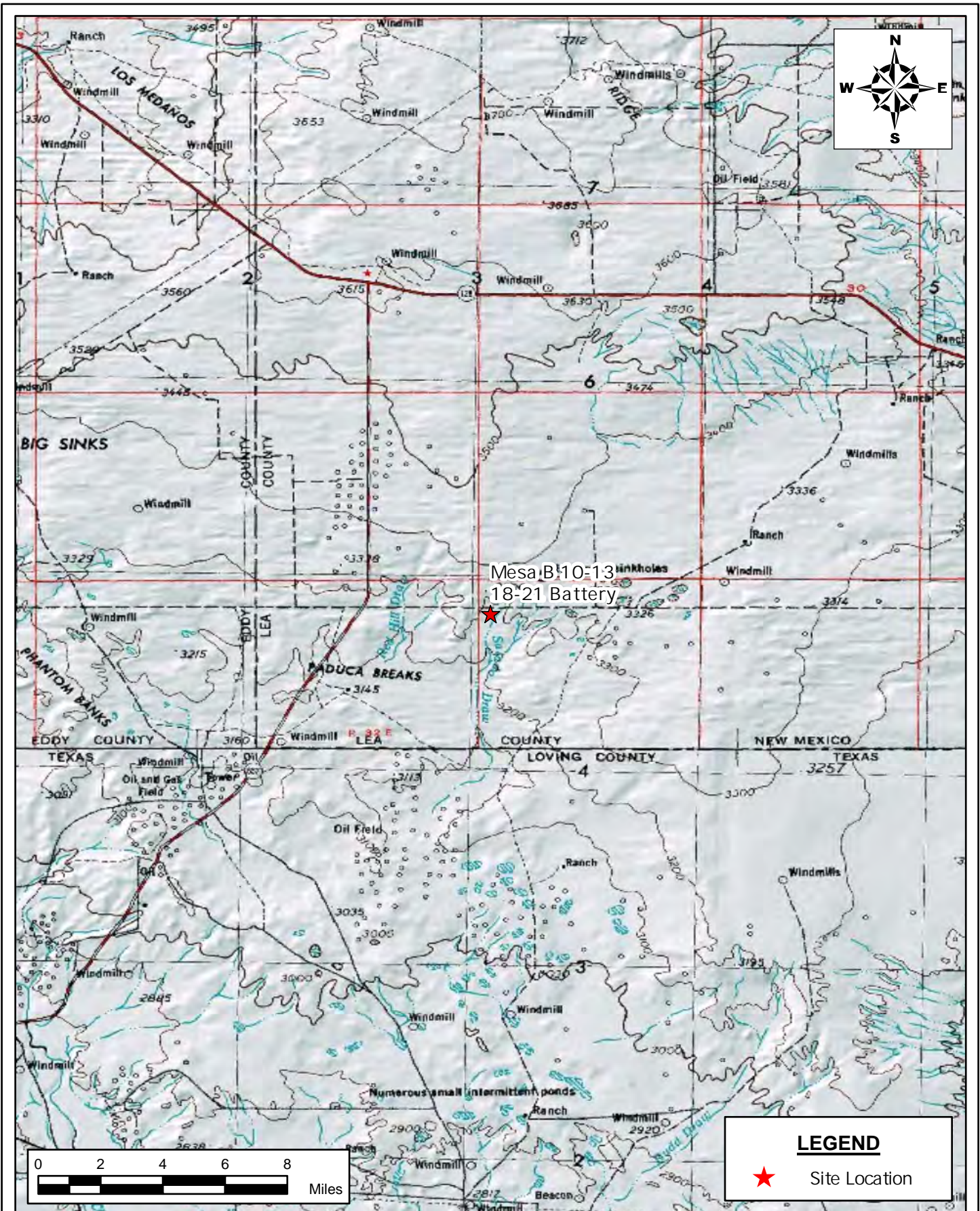


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<div>SITE LOCATION MAP BTA OIL PRODUCERS MESA B 10-13 18-21 BATTERY LEA COUNTY, NEW MEXICO 32.06221, -103.61441</div>			<div> New Tech Global Environmental, LLC 911 Regional Park Drive Houston, Texas 77060 T - 281.872.9300 F - 281.872.4521 Web: www.ntglobal.com</div>	<div>NOTES: 1. Base Image: ESRI Maps & Data 2013 2. Map Projection: NAD 1983 UTM Zone 13N</div>	DRAWING NUMBER:
					FIGURE 1
					SHEET NUMBER:
					1 of 1
SCALE: As Shown	Date: 6/20/2024	PROJECT #: 237886			

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TOPOGRAPHIC MAP
BTA OIL PRODUCERS
MESA B 10-13 18-21 BATTERY
LEA COUNTY, NEW MEXICO
32.06221, -103.61441

SCALE: As Shown Date: 6/20/2024 PROJECT #: 237886

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NOTES:

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

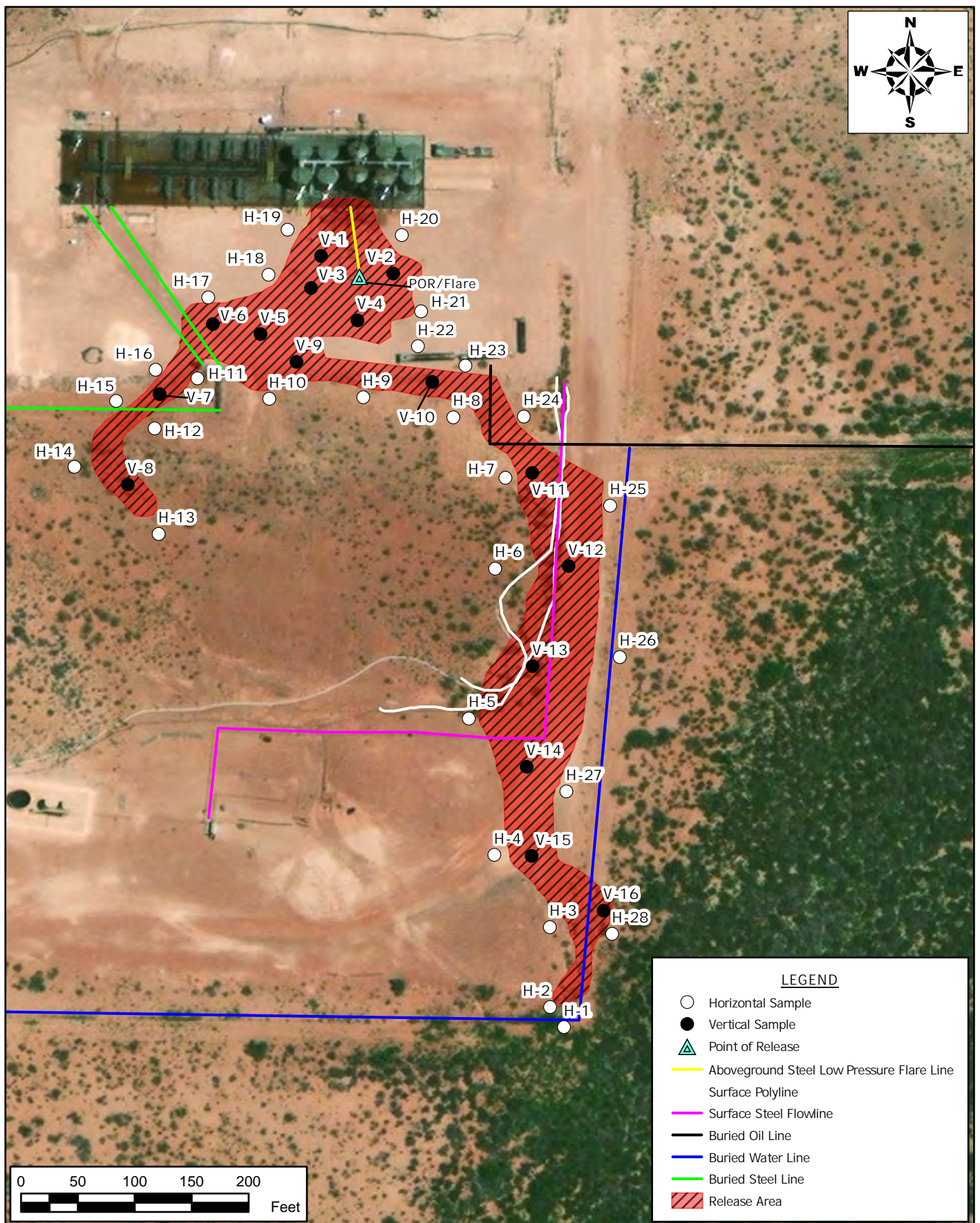
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FIGURE 2

SHEET NUMBER:

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INITIAL ASSESSMENT SAMPLE MAP
BTA OIL PRODUCERS
 MESA B 10-13 18-21 BATTERY
 LEA COUNTY, NEW MEXICO
 32.06221, -103.61441

SCALE: As Shown

Date: 6/17/2024

PROJECT #: 237886



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NOTES:

1. Base Image: ESRI Maps & Data 2013
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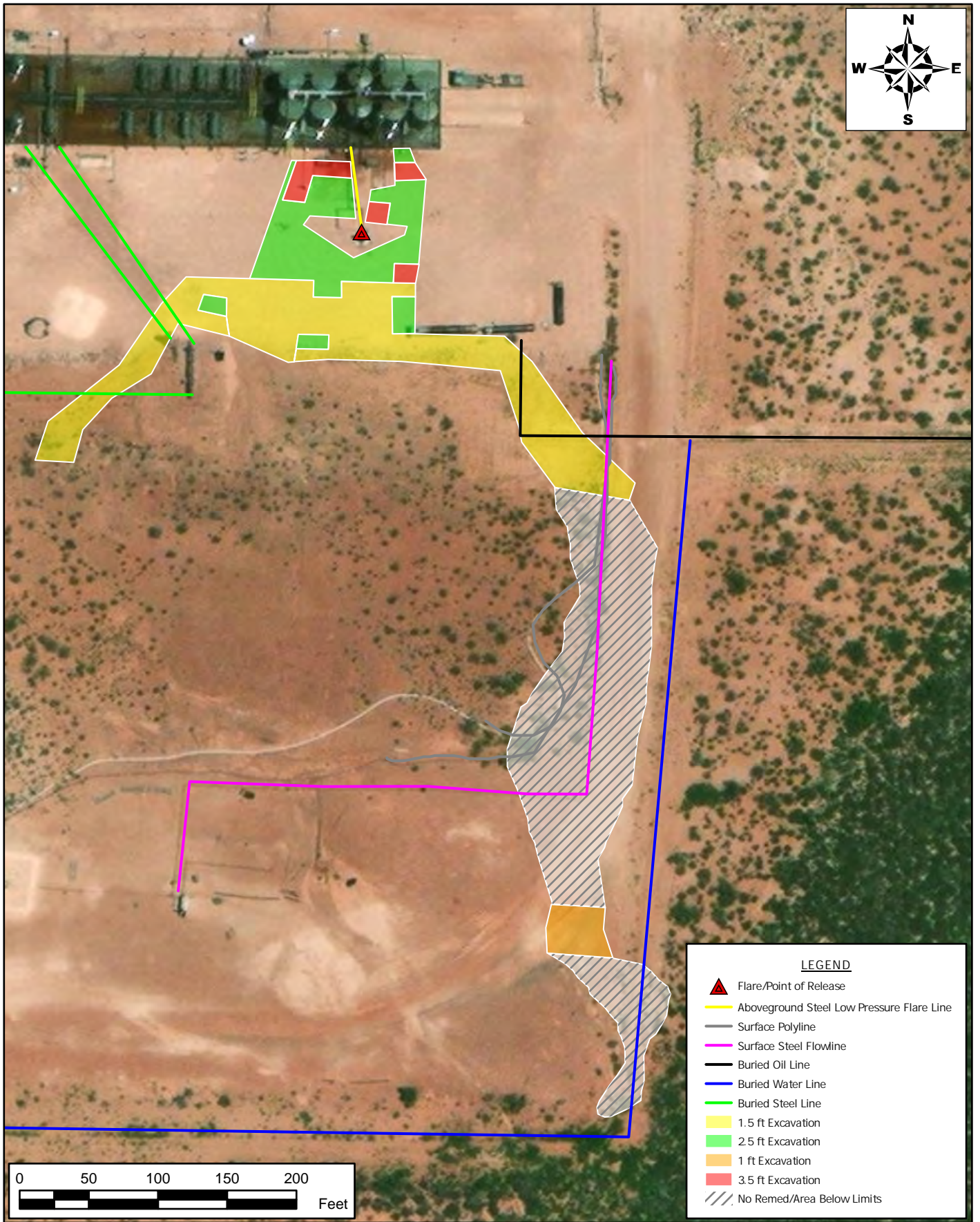
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FIGURE 3

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EXCAVATION OVERVIEW MAP
BTA OIL PRODUCERS
MESA B 10-13 18-21 BATTERY
LEA COUNTY, NEW MEXICO
32.06221, -103.61441

SCALE: As Shown Date: 6/21/2024 PROJECT #: 237886



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NOTES:

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

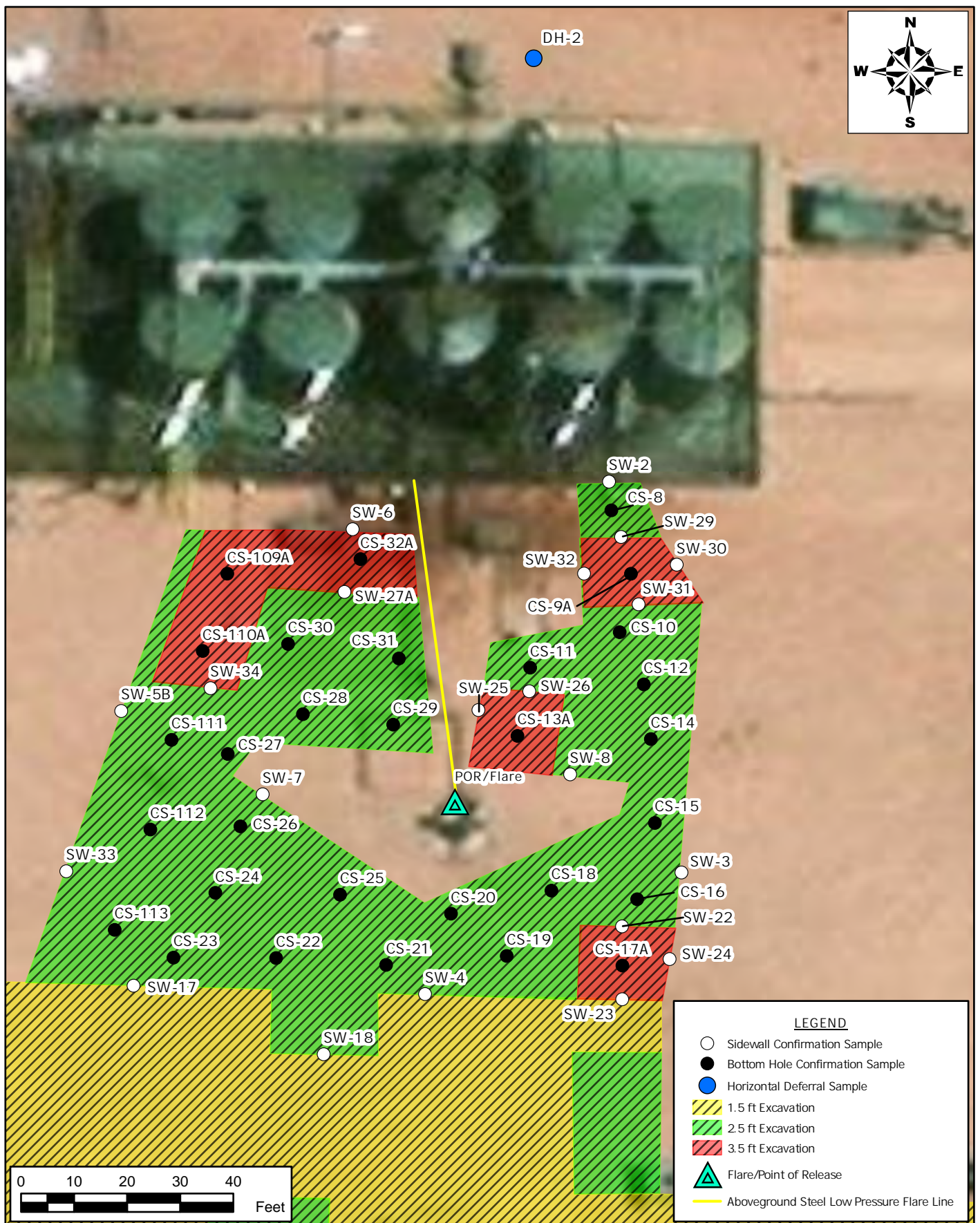
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FIGURE 4

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CONFIRMATION SAMPLE MAP
BTA OIL PRODUCERS
 MESA B 10-13 18-21 BATTERY
 LEA COUNTY, NEW MEXICO
 32.06221, -103.61441

SCALE: As Shown

Date: 6/18/2024

PROJECT #: 237886



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NOTES:

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

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FIGURE 5

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1 of 1

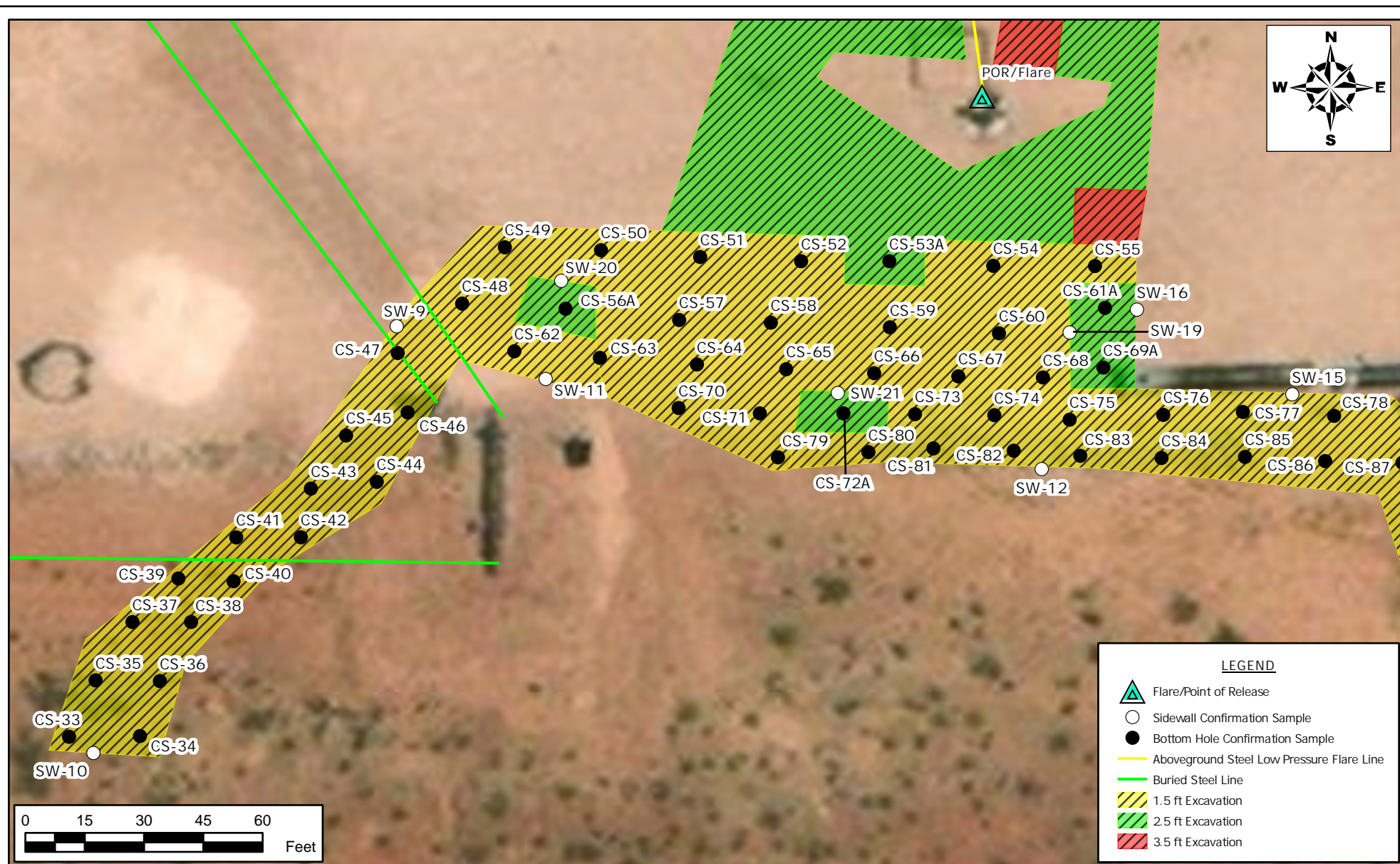


FIGURE 6

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CONFIRMATION SAMPLE MAP
BTA OIL PRODUCERS
 MESA B 10-13 18-21 BATTERY
 LEA COUNTY, NEW MEXICO
 32.06221, -103.61441

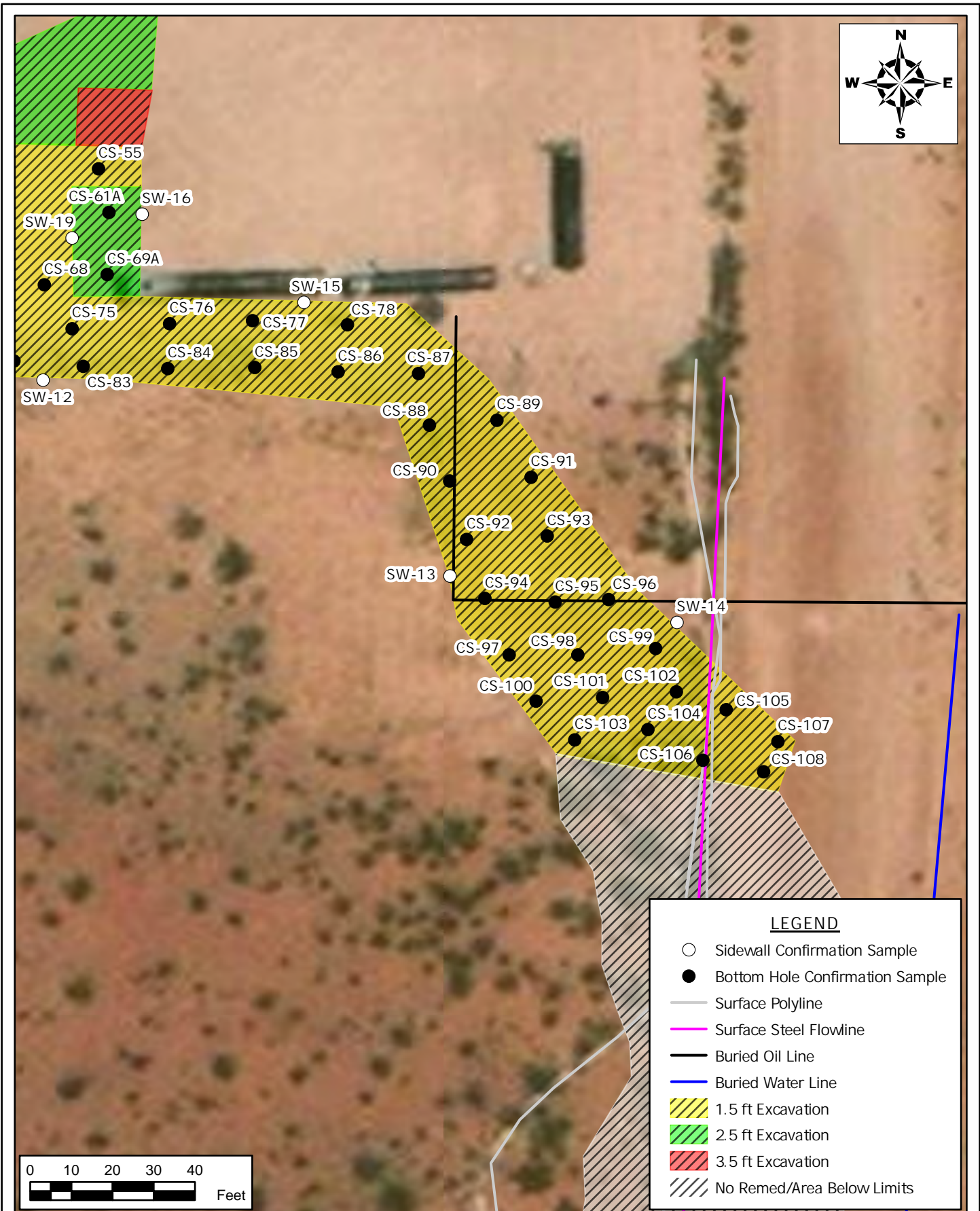
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NOTES:

1. Base Image: ESRI Maps and Data 2017 (DigitalGlobe 2016 0.5m Digital Orthophoto)
2. Map Projection: NAD 1983

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CONFIRMATION SAMPLE MAP
BTA OIL PRODUCERS
 MESA B 10-13 18-21 BATTERY
 LEA COUNTY, NEW MEXICO
 32.06221, -103.61441

SCALE: As Shown

Date: 6/18/2024

PROJECT #: 237886



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NOTES:

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

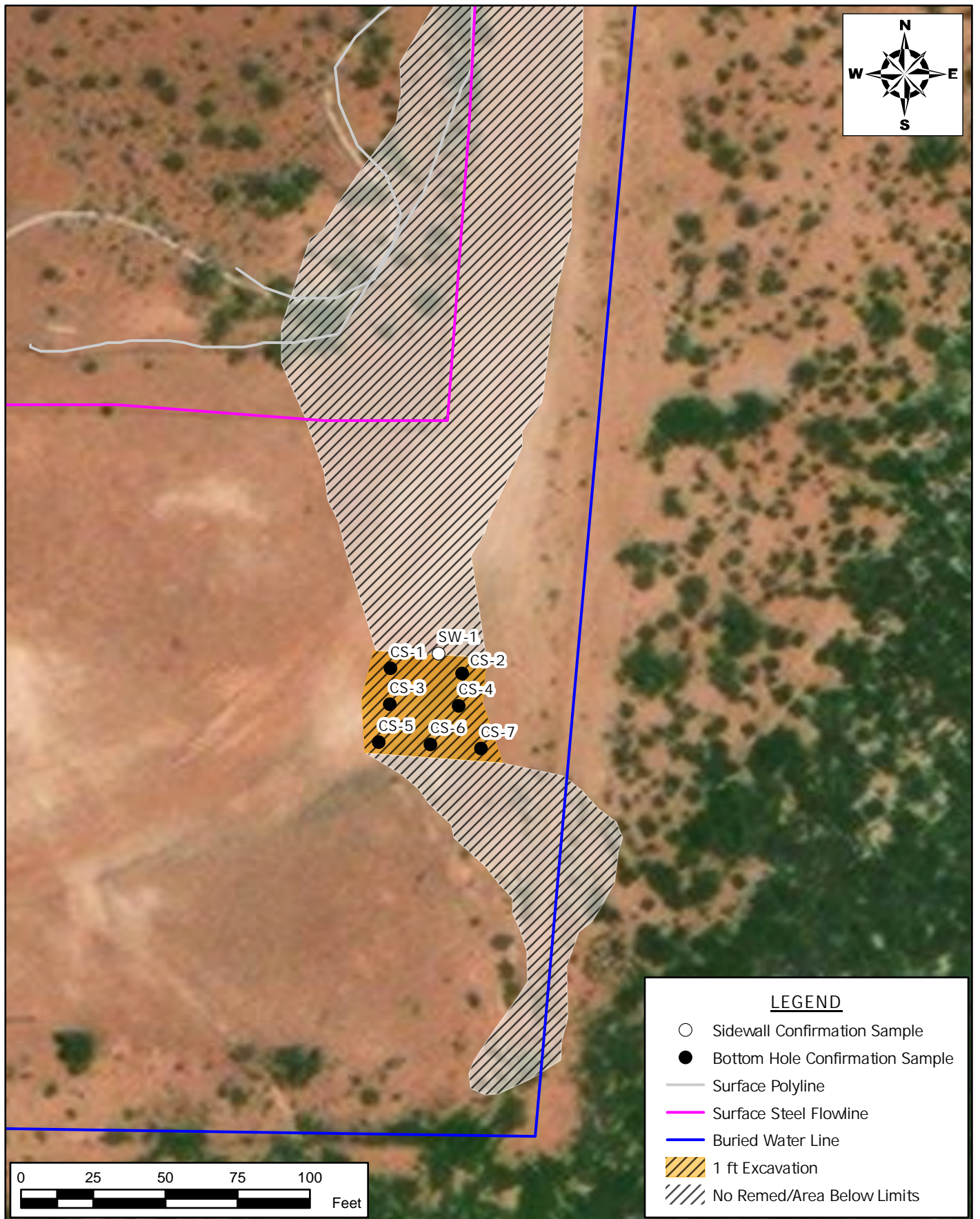
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FIGURE 7

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CONFIRMATION SAMPLE MAP
BTA OIL PRODUCERS
 MESA B 10-13 18-21 BATTERY
 LEA COUNTY, NEW MEXICO
 32.06221, -103.61441

SCALE: As Shown

Date: 6/18/2024

PROJECT #: 237886



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NOTES:

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

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FIGURE 8

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1 of 1

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RELEASE AREA OVERVIEW AND RESERVE PIT MAP
BTA OIL PRODUCERS
MESA B 10-13 18-21 BATTERY
LEA COUNTY, NEW MEXICO
32.06221, -103.61441

SCALE: As Shown

Date: 6/21/2024

PROJECT #: 237886



New Tech Global Environmental, LLC
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Web: www.ntglobal.com

NOTES:

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

DRAWING NUMBER:

FIGURE 9

SHEET NUMBER:

1 of 1

TABLES



Table 1
Summary of Soil Analytical Data - Initial Assessment Samples
MESA B 10-13 18-21 Battery
BTA Oil Producers
Lea, Co., NM

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	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)		
			Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg		600 mg/kg
Vertical Delineation Samples														
V-1	2/12/2024	0-6"	---	---	---	---	---	---	---	---	---	---	---	
	2/12/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	26.4	26.4	<10.0	26.4	1,230	
	2/12/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.4	12.4	<10.0	12.4	160	
	2/12/2024	3-3.5'	---	---	---	---	---	---	---	---	---	---	---	
V-2	2/12/2024	0-6"	---	---	---	---	---	---	---	---	---	---	---	
	2/12/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	253	253	71.9	324.9	224	
	2/12/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	48.0	48.0	<10.0	48.0	160	
	2/12/2024	3-3.5'	---	---	---	---	---	---	---	---	---	---	---	
V-3	2/12/2024	0-6"	---	---	---	---	---	---	---	---	---	---	---	
	2/12/2024	1-1.5'	---	---	---	---	---	---	---	---	---	---	---	
	2/12/2024	2-2.5'	---	---	---	---	---	---	---	---	---	---	---	
	2/12/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
	2/12/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.8	12.8	<10.0	12.8	192	
	2/12/2024	5-5.5'	---	---	---	---	---	---	---	---	---	---	---	
V-4	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	8,380	8,380	3,870	12,250	4,280	
	2/12/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208	
	2/12/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.6	21.6	<10.0	21.6	272	
	2/12/2024	3-3.5'	---	---	---	---	---	---	---	---	---	---	---	
V-5	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	808	808	326	1,134	1,630	
	2/12/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
	2/12/2024	2-2.5'	---	---	---	---	---	---	---	---	---	---	---	
V-6	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	478	478	177	655	1,340	
	2/12/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
	2/12/2024	2-2.5'	---	---	---	---	---	---	---	---	---	---	---	
V-7	2/12/2024	0-6"	---	---	---	---	---	---	---	---	---	---	---	
	2/12/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0	
	2/12/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
	2/12/2024	3-3.5'	---	---	---	---	---	---	---	---	---	---	---	

Table 1
Summary of Soil Analytical Data - Initial Assessment Samples
MESA B 10-13 18-21 Battery
BTA Oil Producers
Lea, Co., NM

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	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
V-8	2/12/2024	0-6"	---	---	---	---	---	---	---	---	---	---	---
	2/12/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	368
	2/12/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	2/12/2024	3-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80
	2/12/2024	4-4.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,640
	2/12/2024	5-5.5'	---	---	---	---	---	---	---	---	---	---	---
	2/12/2024	6-6.5'	---	---	---	---	---	---	---	---	---	---	---
	2/12/2024	7-7.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	1,820
	2/12/2024	8-8.5'	---	---	---	---	---	---	---	---	---	---	---
	2/12/2024	9-9.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	2,720
	2/13/2024	10-10.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	928
2/13/2024	11-11.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
V-9	2/13/2024	0-6"	---	---	---	---	---	---	---	---	---	---	---
	2/13/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	2/13/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
	2/13/2024	3-3.5'	---	---	---	---	---	---	---	---	---	---	---
V-10	2/13/2024	0-6"	---	---	---	---	---	---	---	---	---	---	---
	2/13/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
	2/13/2024	2-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	2/13/2024	3-3.5'	---	---	---	---	---	---	---	---	---	---	---
V-11	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	45.0	45.0	13.3	58.3	1,390
	2/13/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
	2/13/2024	2-2.5'	---	---	---	---	---	---	---	---	---	---	---
V-12	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	224
	2/13/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	272
	2/13/2024	2-2.5'	---	---	---	---	---	---	---	---	---	---	---
V-13	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
	2/13/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
V-14	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
	2/13/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
V-15	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	81.0	81.0	23.4	104.4	6,000
	2/13/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
V-16	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
	2/13/2024	1-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0

Table 1
Summary of Soil Analytical Data - Initial Assessment Samples
MESA B 10-13 18-21 Battery
BTA Oil Producers
Lea, Co., NM

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	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)		
			Table I Closure Criteria for Soil ≤ 50 feet Depth to Groundwater 19.15.29 NMAC											
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg		600 mg/kg
Horizontal Delineation Samples														
H-1	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
H-2	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
H-3	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176	
H-4	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0	
H-5	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0	
H-6	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128	
H-7	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
H-8	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
H-9	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
H-10	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
H-11	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
H-12	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
H-13	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288	
H-14	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
H-15	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
H-16	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0	
H-17	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0	
H-18	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
H-19	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	36.2	36.2	12.0	48.2	112	
H-20	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	70.2	70.2	35.2	105.4	32.0	
H-21	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176	
H-22	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	55.7	55.7	20.7	76.4	96.0	
H-23	2/12/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0	
H-24	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
H-25	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	
H-26	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0	
H-27	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0	
H-28	2/13/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0	

Notes:

1. Values reported in mg/kg

2. < = Value Less Than Reporting Limit (RL)

3. Bold indicates Analyte Detected

4. BTEX analyses by EPA Method SW 8021B

SP 1

 Sample Point Excavated

5. TPH analyses by EPA Method SW 8015 Mod.

6. GRO/DRO/MRO - Gasoline/Diesel/Motor Oil

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

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

9. --- Not Analyzed

Table 2
Summary of Soil Analytical Data - Confirmation Samples
MESA B 10-13 18-21 Battery
BTA Oil Producers
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil <50feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
Base Confirmation Samples													
CS-1	4/16/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	256
CS-2	4/16/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-3	4/16/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-4	4/16/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-5	4/16/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-6	4/16/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
CS-7	4/16/2024	1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-8	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	47.6	47.6	<10.0	47.6	32.0
CS-9	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	713	713	115	828	48.0
CS-9A	5/21/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-10	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.1	14.1	<10.0	14.1	48.0
CS-11	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	86.6	86.6	<10.0	86.6	80.0
CS-12	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-13	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	617	617	159	776	496
CS-13A	5/21/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-14	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	67.6	67.6	16.0	83.6	176
CS-15	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	56.5	56.5	<10.0	56.5	160
CS-16	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	12.0	12.0	<10.0	12.0	160
CS-17	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	95.0	95.0	21.6	116.6	416
CS-17A	5/21/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-18	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-19	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.8	14.8	<10.0	14.8	128
CS-20	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-21	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-22	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-23	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-24	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.8	33.8	<10.0	33.8	96.0
CS-25	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-26	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-27	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	68.0	68.0	18.5	86.5	256

Table 2
Summary of Soil Analytical Data - Confirmation Samples
MESA B 10-13 18-21 Battery
BTA Oil Producers
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil <50feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
CS-28	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	36.8	36.8	<10.0	36.8	272
CS-29	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	48.6	48.6	<10.0	48.6	256
CS-30	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	38.0	38.0	<10.0	38.0	64.0
CS-31	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	58.7	58.7	11.5	70.2	112
CS-32	4/16/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	258	258	44.0	292.0	48.0
CS-32A	5/20/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	18.6	18.6	<10.0	18.6	32.0
CS-33	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-34	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-35	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	288
CS-36	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-37	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-38	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-39	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	560
CS-40	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-41	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-42	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-43	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	336
CS-44	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-45	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	432
CS-46	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-47	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-48	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-49	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
CS-50	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-51	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-52	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-53	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	82.2	82.2	<10.0	82.2	1,140
CS-53A	5/21/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-54	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	160
CS-55	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112

Table 2
Summary of Soil Analytical Data - Confirmation Samples
MESA B 10-13 18-21 Battery
BTA Oil Producers
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	
			Table I Closure Criteria for Soil <50feet Depth to Groundwater 19.15.29 NMAC										
10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg			
CS-56	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	736
CS-56A	5/21/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-57	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-58	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-59	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	128
CS-60	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-61	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	35.1	35.1	10.4	45.5	656
CS-61A	5/21/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-62	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-63	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-64	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-65	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-66	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-67	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
CS-68	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.6	14.6	<10.0	14.6	560
CS-69	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.8	13.8	<10.0	13.8	1,550
CS-69A	5/21/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-70	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-71	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	416
CS-72	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	640
CS-72A	5/21/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-73	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-74	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	384
CS-75	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.8	20.8	<10.0	20.8	432
CS-76	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-77	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-78	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-79	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-80	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-81	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208

Table 2
Summary of Soil Analytical Data - Confirmation Samples
MESA B 10-13 18-21 Battery
BTA Oil Producers
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil <50feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
CS-82	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
CS-83	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-84	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-85	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-86	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	512
CS-87	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-88	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
CS-89	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-90	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-91	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-92	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-93	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-94	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	448
CS-95	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	96.0
CS-96	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-97	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-98	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-99	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-100	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
CS-101	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-102	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
CS-103	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-104	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
CS-105	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0
CS-106	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-107	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
CS-108	4/16/2024	1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
CS-109	5/20/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	236	236	52.6	288.6	88.0

Table 2
Summary of Soil Analytical Data - Confirmation Samples
MESA B 10-13 18-21 Battery
BTA Oil Producers
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil <50feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
CS-109A	6/6/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	34.6	34.6	<10.0	34.6	32.0
CS-110	5/20/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	143	143	83.8	226.8	80.0
CS-110A	6/6/2024	3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.2	13.2	<10.0	13.2	32.0
CS-111	5/20/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	28.4	28.4	10.5	38.9	160
CS-112	5/20/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
CS-113	5/20/2024	2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
Sidewall Confirmation Samples													
SW-1	4/16/2024	0-1'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	496
SW-2	4/16/2024	0-2.5'	<0.050	<0.050	<0.050	0.322	0.322	20.0	3,320	3,340	988	4,328	192
SW-3	4/16/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	16.6	16.6	13.7	30.3	112
SW-4	4/16/2024	1.5-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-5	4/16/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	681	681	530	1,211	112
SW-5A	5/20/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	115	115	16.9	131.9	112
SW-5B	6/6/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-6	4/16/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	926	926	297	1,223	112
SW-7	4/16/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-8	4/16/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	186	186	44.3	230.3	224
SW-9	4/16/2024	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-10	4/16/2024	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-11	4/16/2024	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	208
SW-12	4/16/2024	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-13	4/16/2024	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	144
SW-14	4/16/2024	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	176
SW-15	4/16/2024	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	192
SW-16	4/16/2024	0-1.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	80.0
SW-17	5/21/2024	1.5-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-18	5/21/2024	1.5-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-19	5/21/2024	1.5-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-20	5/21/2024	1.5-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-21	5/21/2024	1.5-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0

Table 2
Summary of Soil Analytical Data - Confirmation Samples
MESA B 10-13 18-21 Battery
BTA Oil Producers
Lea County, New Mexico

Sample ID	Sample Date	Depth (ft bgs)	Benzene	Toluene	Ethylbenzene	Xylenes	BTEX	TPH					Chloride
								GRO (C6-C10)	DRO (C10-C28)	GRO + DRO (C6-C28)	MRO (C28-C35)	Total GRO/DRO/MRO (C6-C35)	
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			Table I Closure Criteria for Soil <50feet Depth to Groundwater 19.15.29 NMAC										
			10 mg/kg	---	---	---	50 mg/kg	---	---	---	---	100 mg/kg	600 mg/kg
SW-22	5/21/2024	2.5-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-23	5/21/2024	1.5-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-24	5/21/2024	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
SW-25	5/21/2024	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	112
SW-26	5/21/2024	2.5-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-27	5/20/2024	2.5-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	119	119	26.6	145.6	32.0
SW-27A	6/6/2024	2.5-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-28	5/20/2024	2.5-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	70.3	70.3	19.3	89.6	80.0
SW-29	5/21/2024	2.5-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	24.7	24.7	<10.0	24.7	16.0
SW-30	5/21/2024	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-31	5/21/2024	2.5-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	16.0
SW-32	5/21/2024	0-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	48.0
SW-33	5/20/2024	0-2.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	64.0
SW-34	6/6/2024	2.5-3.5'	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	32.0
Horizontal Deferral Delineation Sample													
DH-2	5/21/2024	0-6"	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<10.0	<16.0

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

ATTACHMENT A: SITE CHARACTERIZATION DOCUMENTATION



OCD Site Characterization Map



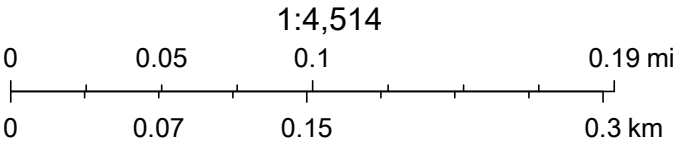
10/3/2023, 4:17:03 PM

 Site Location

Karst Occurrence Potential

 Medium

 OSE Streams



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

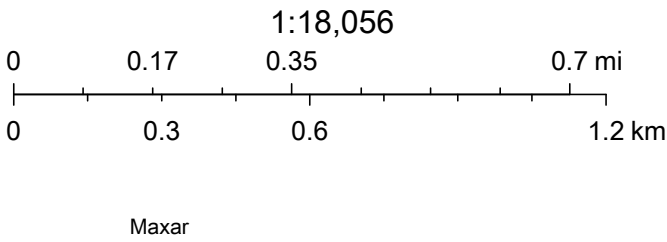
OSE POD Location Map



10/3/2023, 4:12:05 PM

GIS WATERS PODs

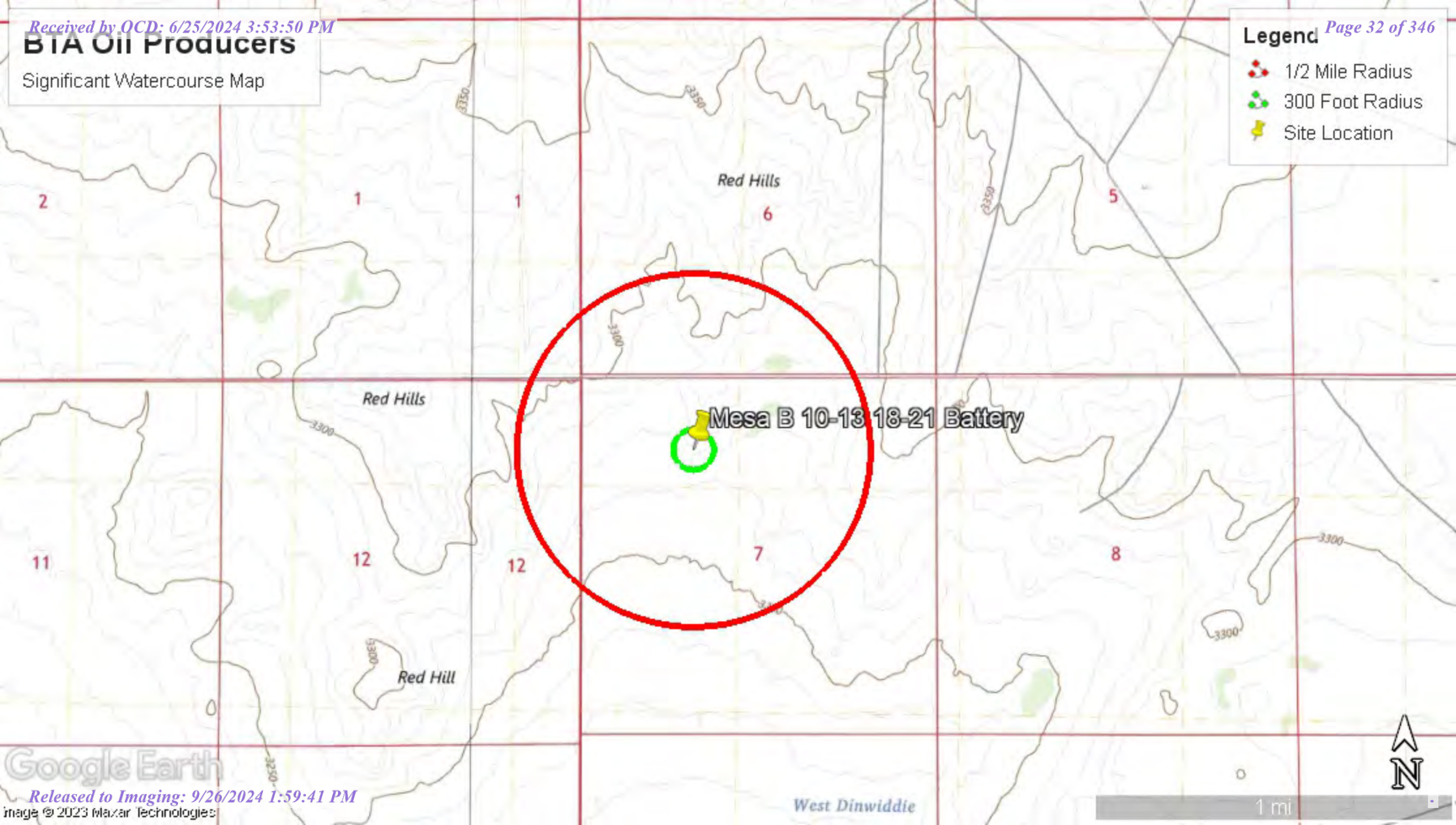
● Active

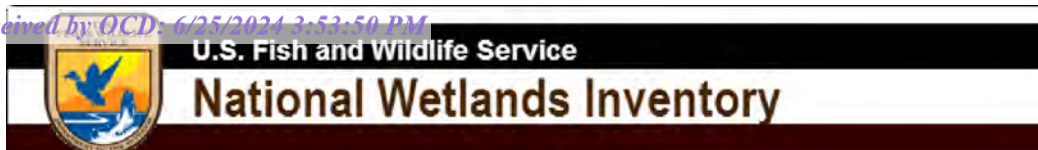


BTA Oil Producers

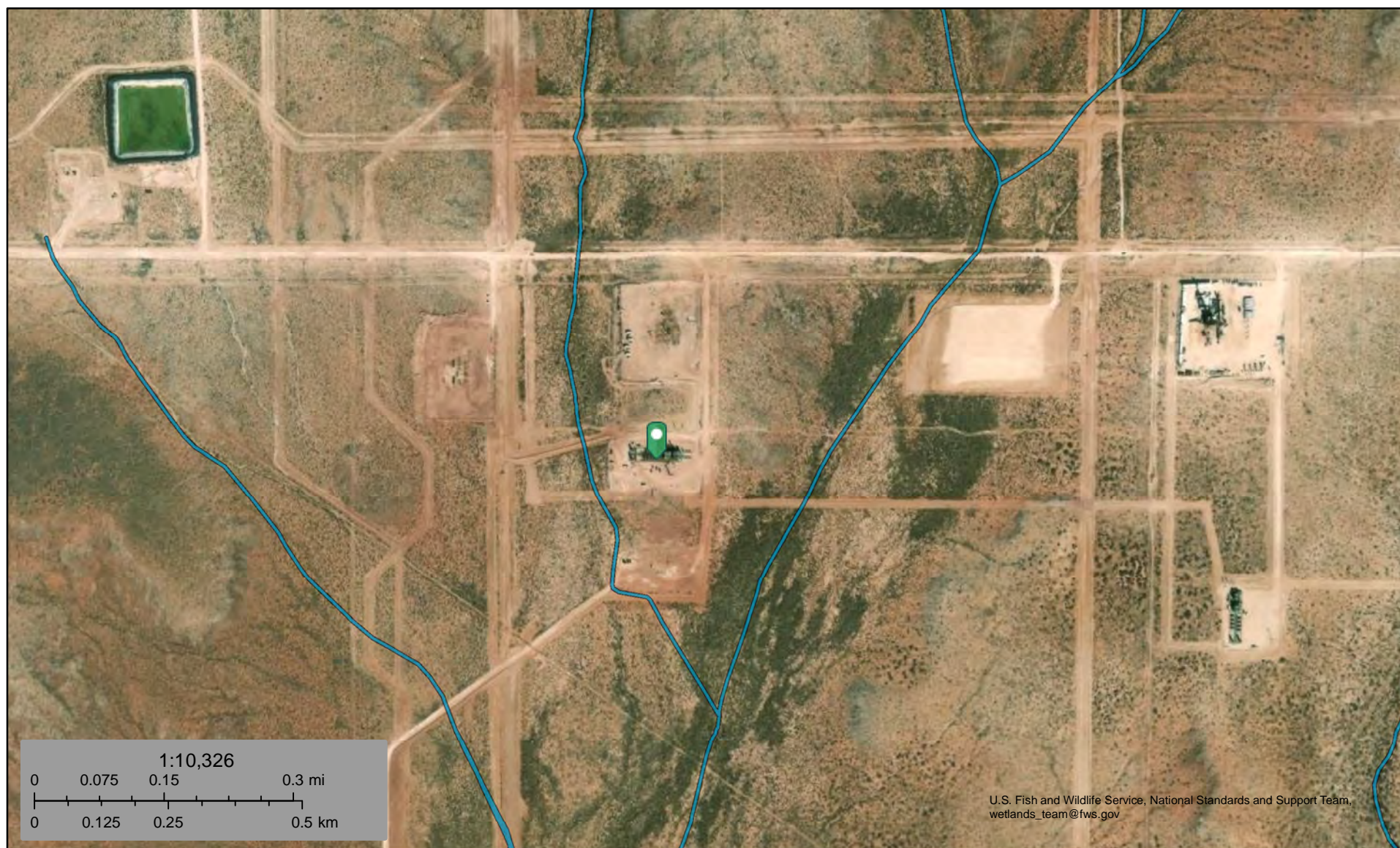
Significant Watercourse Map

- 1/2 Mile Radius
- 300 Foot Radius
- Site Location





Mesa B 10-13 18-21 Battery



October 3, 2023

Wetlands

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

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

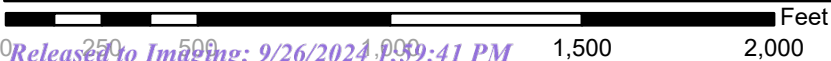
- Lake
- Other
- Riverine

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°37'10"W 32°3'59"N



1:6,000

103°36'33"W 32°3'29"N

Released to Imaging: 9/26/2024 4:39:41 PM

Basemap Imagery Source: USGS National Map 2023

Legend

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

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
		Profile 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 10/3/2023 at 5:25 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.

ATTACHMENT B: CONFIRMATION SAMPLING NOTIFICATIONS



From: OCDOnline@state.nm.us
To: [Nicholas Hart](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 332862
Date: Friday, April 12, 2024 10:24:25 AM

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

To whom it may concern (c/o Nick Hart for BTA OIL PRODUCERS, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2326145212.

The sampling event is expected to take place:

When: 04/16/2024 @ 09:30

Where: C-07-26S-33E 0 FNL 0 FEL (32.06221,-103.61441)

Additional Information: 575-988-8856

Additional Instructions: 54.2 miles south east of Carlsbad. Turn south from NM 128 E onto J-1/Orla Rd. Travel south on Orla Rd until intersection of County Rd 1-B. Turn left on Co. Rd 1-B and travel 2.7 miles then take slight right and head south on lease rd.

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

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

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

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

From: OCDOnline@state.nm.us
To: [Nicholas Hart](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 332889
Date: Friday, April 12, 2024 10:39:04 AM

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

To whom it may concern (c/o Nick Hart for BTA OIL PRODUCERS, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2326145212.

The sampling event is expected to take place:

When: 04/17/2024 @ 09:40

Where: C-07-26S-33E 0 FNL 0 FEL (32.06221,-103.61441)

Additional Information: 575-988-8856

Additional Instructions: 54.2 miles south east of Carlsbad. Turn south from NM 128 E onto J-1/Orla Rd. Travel south on Orla Rd until intersection of County Rd 1-B. Turn left on Co. Rd 1-B and travel 2.7 miles then take slight right and head south on lease rd.

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

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

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

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

From: OCDOnline@state.nm.us
To: [Nicholas Hart](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 345088
Date: Thursday, May 16, 2024 12:36:09 PM

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

To whom it may concern (c/o Nick Hart for BTA OIL PRODUCERS, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2326145212.

The sampling event is expected to take place:

When: 05/20/2024 @ 11:45

Where: C-07-26S-33E 0 FNL 0 FEL (32.06221,-103.61441)

Additional Information: Tyler Kimball 432 582 4051
Kenny Han 575 988 8856

Additional Instructions: From Carlsbad, NM go onto south east 285 for 7.7 miles, turn left onto highway 31, travel 7.7 miles again and turn right onto jal 128. Travel 22.8 miles then turn left onto orla rd. On orla rd for 10.5 miles then left onto pipeline rd for 3.5 miles.

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

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

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

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

From: OCDOnline@state.nm.us
To: [Nicholas Hart](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 345141
Date: Thursday, May 16, 2024 12:38:04 PM

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

To whom it may concern (c/o Nick Hart for BTA OIL PRODUCERS, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2326145212.

The sampling event is expected to take place:

When: 05/21/2024 @ 09:00

Where: C-07-26S-33E 0 FNL 0 FEL (32.06221,-103.61441)

Additional Information: Tyler Kimball 432 582 4051
Kenny Han 575 988 8856

Additional Instructions: From Carlsbad, NM go onto south east 285 for 7.7 miles, turn left onto highway 31, travel 7.7 miles again and turn right onto jal 128. Travel 22.8 miles then turn left onto orla rd. On orla rd for 10.5 miles then left onto pipeline rd for 3.5 miles.

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

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

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

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

From: OCDOnline@state.nm.us
To: [Nicholas Hart](#)
Subject: The Oil Conservation Division (OCD) has accepted the application, Application ID: 350188
Date: Monday, June 3, 2024 10:55:16 AM

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

To whom it may concern (c/o Nick Hart for BTA OIL PRODUCERS, LLC),

The OCD has received the submitted *Notification for (Final) Sampling of a Release* (C-141N), for incident ID (n#) nAPP2326145212.

The sampling event is expected to take place:

When: 06/06/2024 @ 10:00

Where: C-07-26S-33E 0 FNL 0 FEL (32.06221,-103.61441)

Additional Information: Tyler Kimball 432 582 4051
Kenny Han 575 988 8856

Additional Instructions: From Carlsbad, NM go onto south east 285 for 7.7 miles, turn left onto highway 31, travel 7.7 miles again and turn right onto jal 128. Travel 22.8 miles then turn left onto orla rd. On orla rd for 10.5 miles then left onto pipeline rd for 3.5 miles.

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

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

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

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

ATTACHMENT C: PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG**BTA Oil Producers
Mesa B 10-13 18-21 Battery****Photograph No. 1****Facility:** Mesa B 10-13 18-21 Battery**County:** Lea County, New Mexico**Description:**

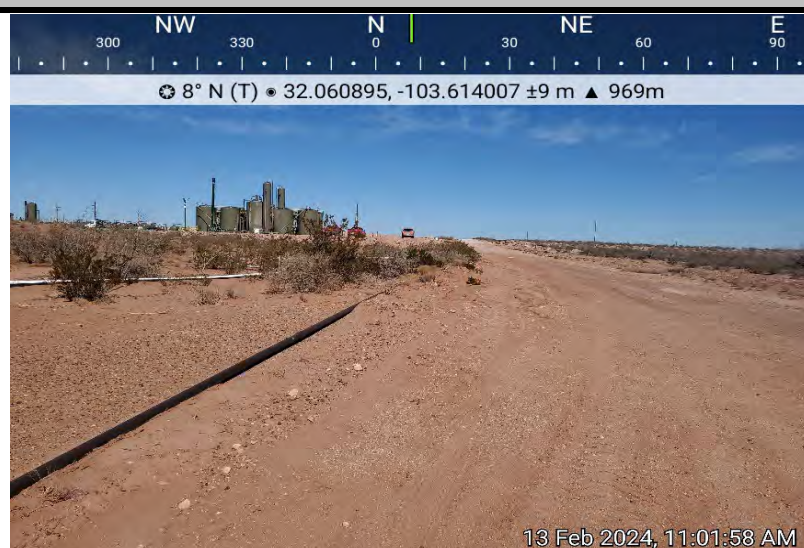
View of initial assessment activities

**Photograph No. 2****Facility:** Mesa B 10-13 18-21 Battery**County:** Lea County, New Mexico**Description:**

View of initial assessment activities

**Photograph No. 3****Facility:** Mesa B 10-13 18-21 Battery**County:** Lea County, New Mexico**Description:**

View of initial assessment activities



PHOTOGRAPHIC LOG**BTA Oil Producers
Mesa B 10-13 18-21 Battery****Photograph No. 4****Facility:** Mesa B 10-13 18-21 Battery**County:** Lea County, New Mexico**Description:**

View of excavation

**Photograph No. 5****Facility:** Mesa B 10-13 18-21 Battery**County:** Lea County, New Mexico**Description:**

View of excavation

**Photograph No. 6****Facility:** Mesa B 10-13 18-21 Battery**County:** Lea County, New Mexico**Description:**

View of excavation



PHOTOGRAPHIC LOG**BTA Oil Producers
Mesa B 10-13 18-21 Battery****Photograph No. 7****Facility:** Mesa B 10-13 18-21 Battery**County:** Lea County, New Mexico**Description:**

View of excavation

**Photograph No. 8****Facility:** Mesa B 10-13 18-21 Battery**County:** Lea County, New Mexico**Description:**

View of excavation

**Photograph No. 9****Facility:** Mesa B 10-13 18-21 Battery**County:** Lea County, New Mexico**Description:**

View of excavation



ATTACHMENT D: SPECIAL STATUS PLANT SPECIES SURVEY REPORT





CEHMM

Conservation & Environmental Services

505 North Main Street | Carlsbad, New Mexico 88220-5875

phone: (575)885-3700 | email: info@cehmm.org

NTG ENVIRONMENTAL

BTA MESA B WEST SPILL

SPECIAL STATUS PLANT SPECIES SURVEY REPORT

01/29/2024

TABLE OF CONTENTS

Summary.....1

Figure 1: SSPS Overview Map of the Proposed Project.....2

SUMMARY

CEHMM conducted a Special Status Plant Species (SSPS) survey for Scheer's beehive cactus (*Coryphantha robustispina* ssp. *scheeri*) for the proposed NTG Environmental BTA Mesa B West Spill project (Project) on January 29, 2024. Per Bureau of Land Management (BLM) regulations parallel transects for the SSPS survey spaced at 20 meters apart were walked, encompassing a 100-meter buffer around the project in potential habitat for Scheer's beehive cactus on BLM land.

Field Notes from the survey indicate that no individuals of Scheer's beehive cactus were observed within the 100-meter buffer of the Project.

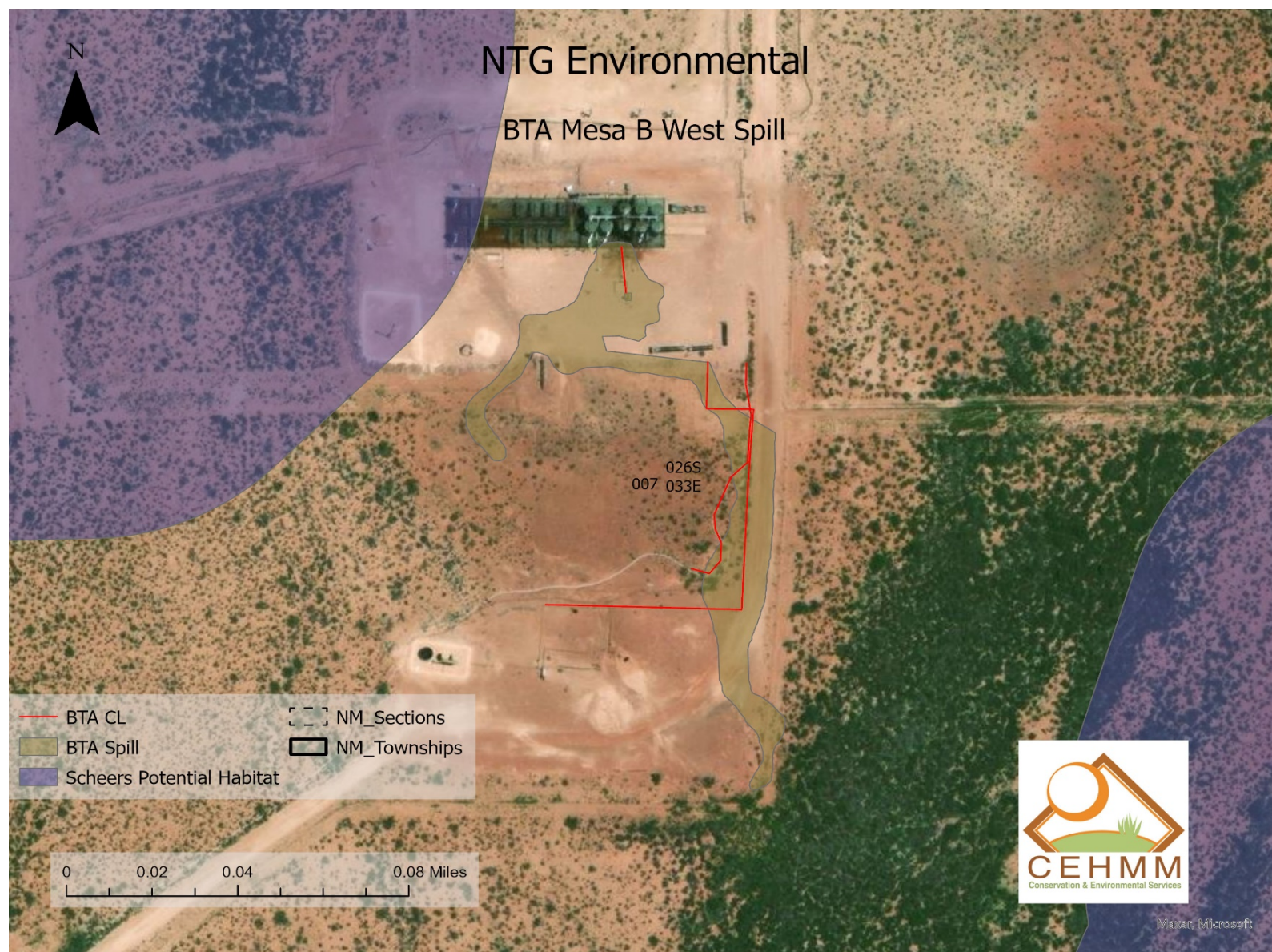


Figure 1: SSPS Overview Map of the Proposed Project

ATTACHMENT E: LABORATORY ANALYTICAL REPORTS AND CHAIN-OF- CUSTODY DOCUMENTATION



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

February 26, 2024

NICK HART

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESA B 10-13 18-21 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/14/24 12:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-23-16. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at

www.tceq.texas.gov/field/ga/lab_accred_certif.html.

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
V - 1 (1'-1.5')	H240701-02	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 1 (2'-2.5')	H240701-03	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 2 (1'-1.5')	H240701-06	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 2 (2'-2.5')	H240701-07	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 3 (3'-3.5')	H240701-12	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 3 (4'-4.5')	H240701-13	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 4 (0-6")	H240701-15	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 4 (1'-1.5')	H240701-16	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 4 (2'-2.5')	H240701-17	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 5 (0-6")	H240701-19	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 5 (1'-1.5')	H240701-20	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 6 (0-6")	H240701-22	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 6 (1'-1.5')	H240701-23	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 7 (1'-1.5')	H240701-26	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 7 (2'-2.5')	H240701-27	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 8 (1'-1.5')	H240701-30	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 8 (2'-2.5')	H240701-31	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 8 (3'-3.5')	H240701-32	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 8 (4'-4.5')	H240701-33	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 8 (7'-7.5')	H240701-36	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 8 (9'-9.5')	H240701-38	Soil	12-Feb-24 00:00	14-Feb-24 12:15
V - 8 (10'-10.5')	H240701-39	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 8 (11'-11.5')	H240701-40	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 9 (1'-1.5')	H240701-42	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 9 (2'-2.5')	H240701-43	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 10 (1'-1.5')	H240701-46	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 10 (2'-2.5')	H240701-47	Soil	13-Feb-24 00:00	14-Feb-24 12:15

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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 11 (0-6")	H240701-49	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 11 (1'-1.5')	H240701-50	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 12 (0-6")	H240701-52	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 12 (1'-1.5')	H240701-53	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 13 (0-6")	H240701-55	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 13 (1'-1.5')	H240701-56	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 14 (0-6")	H240701-57	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 14 (1'-1.5')	H240701-58	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 15 (0-6")	H240701-59	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 15 (1'-1.5')	H240701-60	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 16 (0-6")	H240701-61	Soil	13-Feb-24 00:00	14-Feb-24 12:15
V - 16 (1'-1.5')	H240701-62	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 1 (0-6")	H240701-63	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 2 (0-6")	H240701-64	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 3 (0-6")	H240701-65	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 4 (0-6")	H240701-66	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 5 (0-6")	H240701-67	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 6 (0-6")	H240701-68	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 7 (0-6")	H240701-69	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 8 (0-6")	H240701-70	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 9 (0-6")	H240701-71	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 10 (0-6")	H240701-72	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 11 (0-6")	H240701-73	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 12 (0-6")	H240701-74	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 13 (0-6")	H240701-75	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 14 (0-6")	H240701-76	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 15 (0-6")	H240701-77	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 16 (0-6")	H240701-78	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 17 (0-6")	H240701-79	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 18 (0-6")	H240701-80	Soil	12-Feb-24 00:00	14-Feb-24 12:15

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 19 (0-6")	H240701-81	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 20 (0-6")	H240701-82	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 21 (0-6")	H240701-83	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 22 (0-6")	H240701-84	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 23 (0-6")	H240701-85	Soil	12-Feb-24 00:00	14-Feb-24 12:15
H - 24 (0-6")	H240701-86	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 25 (0-6")	H240701-87	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 26 (0-6")	H240701-88	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 27 (0-6")	H240701-89	Soil	13-Feb-24 00:00	14-Feb-24 12:15
H - 28 (0-6")	H240701-90	Soil	13-Feb-24 00:00	14-Feb-24 12:15

02/26/24 - Client added analysis to samples -31 and -32 (see COC). This is the revised report and will replace the one sent on 02/19/24.

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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 1 (1'-1.5')**H240701-02 (Soil)**

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

Chloride	1230		16.0	mg/kg	4	4021433	HM	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134 4021416 JH 14-Feb-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
DRO >C10-C28*	26.4		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane 85.2 % 48.2-134 4021410 MS 14-Feb-24 8015B

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148 4021410 MS 14-Feb-24 8015B

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 1 (2'-2.5')**H240701-03 (Soil)**

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

Chloride	160		16.0	mg/kg	4	4021433	HM	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
DRO >C10-C28*	12.4		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			82.7 %	48.2-134		4021410	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			76.3 %	49.1-148		4021410	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 2 (1'-1.5')**H240701-06 (Soil)**

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

Chloride	224		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
DRO >C10-C28*	253		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	71.9		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			90.1 %	48.2-134		4021410	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			85.9 %	49.1-148		4021410	MS	14-Feb-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 2 (2'-2.5')**H240701-07 (Soil)**

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

Chloride	160		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
DRO >C10-C28*	48.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			108 %	48.2-134		4021410	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			101 %	49.1-148		4021410	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 3 (3'-3.5')**H240701-12 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			110 %	48.2-134		4021410	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			100 %	49.1-148		4021410	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 3 (4'-4.5')**H240701-13 (Soil)**

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

Chloride	192		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
DRO >C10-C28*	12.8		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021410	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			84.3 %	48.2-134		4021410	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			78.6 %	49.1-148		4021410	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 4 (0-6")
H240701-15 (Soil)

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

Chloride	4280		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134 4021416 JH 14-Feb-24 8021B

Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	
DRO >C10-C28*	8380		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	3870		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane 113 % 48.2-134 4021410 MS 15-Feb-24 8015B

Surrogate: 1-Chlorooctadecane 196 % 49.1-148 4021410 MS 15-Feb-24 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 4 (1'-1.5')**H240701-16 (Soil)**

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

Chloride	208		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %		71.5-134	4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			89.7 %		48.2-134	4021410	MS	15-Feb-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			82.7 %		49.1-148	4021410	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 4 (2'-2.5')**H240701-17 (Soil)**

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

Chloride	272		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B
Toluene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B
Ethylbenzene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B
Total Xylenes*	<0.150	0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B
Total BTEX	<0.300	0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B

Surrogate: 4-Bromofluorobenzene (PID)	106 %	71.5-134	4021416	JH	14-Feb-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B
DRO >C10-C28*	21.6	10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B

Surrogate: 1-Chlorooctane	85.9 %	48.2-134	4021410	MS	15-Feb-24	8015B
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Surrogate: 1-Chlorooctadecane	79.8 %	49.1-148	4021410	MS	15-Feb-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 5 (0-6")
H240701-19 (Soil)

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

Chloride	1630		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	
DRO >C10-C28*	808		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	326		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			80.2 %	48.2-134		4021410	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			78.3 %	49.1-148		4021410	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 5 (1'-1.5')**H240701-20 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %		71.5-134	4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021410	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			79.4 %		48.2-134	4021410	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			72.3 %		49.1-148	4021410	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 6 (0-6")
H240701-22 (Soil)

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

Chloride	1340		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	4021416	JH	14-Feb-24	8021B
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Petroleum Hydrocarbons by GC FID**S-04**

GRO C6-C10*	<10.0	10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B
DRO >C10-C28*	478	10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B
EXT DRO >C28-C36	177	10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B

Surrogate: 1-Chlorooctane	142 %	48.2-134	4021414	MS	14-Feb-24	8015B
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Surrogate: 1-Chlorooctadecane	176 %	49.1-148	4021414	MS	14-Feb-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 6 (1'-1.5')**H240701-23 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			83.4 %	48.2-134		4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			87.6 %	49.1-148		4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 7 (1'-1.5')**H240701-26 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			83.2 %	48.2-134		4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			91.2 %	49.1-148		4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 7 (2'-2.5')**H240701-27 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %		71.5-134	4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			80.7 %		48.2-134	4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			87.2 %		49.1-148	4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 8 (1'-1.5')**H240701-30 (Soil)**

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

Chloride	368		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			76.8 %		48.2-134	4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			80.0 %		49.1-148	4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 8 (2'-2.5')**H240701-31 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	4022205	AC	22-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4022113	JH	21-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4022113	JH	21-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4022113	JH	21-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4022113	JH	21-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4022113	JH	21-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.0 %	71.5-134		4022113	JH	21-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4022132	MS	21-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4022132	MS	21-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4022132	MS	21-Feb-24	8015B	

Surrogate: 1-Chlorooctane			77.1 %	48.2-134		4022132	MS	21-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			73.5 %	49.1-148		4022132	MS	21-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 8 (3'-3.5')**H240701-32 (Soil)**

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

Chloride	80.0		16.0	mg/kg	4	4022205	AC	22-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4022113	JH	21-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4022113	JH	21-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4022113	JH	21-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4022113	JH	21-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4022113	JH	21-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			92.8 %		71.5-134	4022113	JH	21-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4022132	MS	21-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4022132	MS	21-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4022132	MS	21-Feb-24	8015B	

Surrogate: 1-Chlorooctane			83.5 %		48.2-134	4022132	MS	21-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			78.6 %		49.1-148	4022132	MS	21-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 8 (4'-4.5')**H240701-33 (Soil)**

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

Chloride	1640		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			84.4 %		48.2-134	4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			91.9 %		49.1-148	4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 8 (7'-7.5')**H240701-36 (Soil)**

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

Chloride	1820		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	106 %	71.5-134	4021416	JH	14-Feb-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B

Surrogate: 1-Chlorooctane	84.4 %	48.2-134	4021414	MS	14-Feb-24	8015B
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Surrogate: 1-Chlorooctadecane	91.3 %	49.1-148	4021414	MS	14-Feb-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 8 (9'-9.5')**H240701-38 (Soil)**

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

Chloride	2720		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	4021416	JH	14-Feb-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B

Surrogate: 1-Chlorooctane	83.9 %	48.2-134	4021414	MS	14-Feb-24	8015B
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Surrogate: 1-Chlorooctadecane	97.4 %	49.1-148	4021414	MS	14-Feb-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 8 (10'-10.5')**H240701-39 (Soil)**

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

Chloride	928		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021416	JH	14-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021416	JH	14-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %		71.5-134	4021416	JH	14-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			85.2 %		48.2-134	4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			97.0 %		49.1-148	4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 8 (11'-11.5')**H240701-40 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.8 %		71.5-134	4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			68.8 %		48.2-134	4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			75.5 %		49.1-148	4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 9 (1'-1.5')**H240701-42 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4021434	AC	14-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5-134		4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			76.2 %	48.2-134		4021429	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			72.4 %	49.1-148		4021429	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 9 (2'-2.5')**H240701-43 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5-134		4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			76.6 %	48.2-134		4021429	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			74.1 %	49.1-148		4021429	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 10 (1'-1.5')**H240701-46 (Soil)**

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

Chloride	<16.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.6 %		71.5-134	4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			76.3 %		48.2-134	4021429	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			71.8 %		49.1-148	4021429	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 10 (2'-2.5')**H240701-47 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			75.5 %	48.2-134		4021429	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			70.7 %	49.1-148		4021429	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 11 (0-6")
H240701-49 (Soil)

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

Chloride	1390		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		71.5-134	4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
DRO >C10-C28*	45.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	13.3		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			83.2 %		48.2-134	4021429	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			79.0 %		49.1-148	4021429	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 11 (1'-1.5')**H240701-50 (Soil)**

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

Chloride	336		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			65.3 %		48.2-134	4021429	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			61.0 %		49.1-148	4021429	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 12 (0-6")**H240701-52 (Soil)**

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

Chloride	224		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		71.5-134	4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			91.3 %		48.2-134	4021429	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			85.7 %		49.1-148	4021429	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 12 (1'-1.5')**H240701-53 (Soil)**

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

Chloride	272		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	103 %	71.5-134	4021417	JH	15-Feb-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B

Surrogate: 1-Chlorooctane	87.0 %	48.2-134	4021429	MS	14-Feb-24	8015B
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Surrogate: 1-Chlorooctadecane	81.2 %	49.1-148	4021429	MS	14-Feb-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 13 (0-6")**H240701-55 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		71.5-134	4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			91.0 %		48.2-134	4021429	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			86.4 %		49.1-148	4021429	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 13 (1'-1.5')**H240701-56 (Soil)**

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

Chloride	<16.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %		71.5-134	4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			81.5 %		48.2-134	4021429	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			74.7 %		49.1-148	4021429	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 14 (0-6")**H240701-57 (Soil)**

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

Chloride	96.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			63.0 %	48.2-134		4021429	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			56.3 %	49.1-148		4021429	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 14 (1'-1.5')**H240701-58 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			108 %		71.5-134	4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			89.6 %		48.2-134	4021429	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			83.7 %		49.1-148	4021429	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 15 (0-6")**H240701-59 (Soil)**

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

Chloride	6000		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	
DRO >C10-C28*	81.0		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	23.4		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			89.7 %	48.2-134		4021429	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			87.4 %	49.1-148		4021429	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 15 (1'-1.5')**H240701-60 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			107 %		71.5-134	4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			88.6 %		48.2-134	4021429	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			85.1 %		49.1-148	4021429	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 16 (0-6")**H240701-61 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			101 %		71.5-134	4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			97.9 %		48.2-134	4021429	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			89.8 %		49.1-148	4021429	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

V - 16 (1'-1.5')**H240701-62 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.0 %		71.5-134	4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021429	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			85.4 %		48.2-134	4021429	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			77.2 %		49.1-148	4021429	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 1 (0-6")
H240701-63 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5-134		4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			90.5 %	48.2-134		4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			98.6 %	49.1-148		4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 2 (0-6")
H240701-64 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			95.4 %	48.2-134		4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			105 %	49.1-148		4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 3 (0-6")
H240701-65 (Soil)

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

Chloride	176		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021417	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021417	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			100 %	71.5-134		4021417	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			74.2 %	48.2-134		4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			82.0 %	49.1-148		4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 4 (0-6")
H240701-66 (Soil)

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

Chloride	80.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		153 %		71.5-134		4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane		84.1 %		48.2-134		4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane		89.9 %		49.1-148		4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 5 (0-6")
H240701-67 (Soil)

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

Chloride	<16.0		16.0	mg/kg	4	4021520	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			157 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			90.8 %		48.2-134	4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			99.2 %		49.1-148	4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 6 (0-6")
H240701-68 (Soil)

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

Chloride	128		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		159 %		71.5-134		4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane		86.0 %		48.2-134		4021414	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane		92.5 %		49.1-148		4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 7 (0-6")
H240701-69 (Soil)

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

Chloride	48.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			158 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	14-Feb-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			82.4 %		48.2-134	4021414	MS	14-Feb-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			91.1 %		49.1-148	4021414	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 8 (0-6")
H240701-70 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		161 %		71.5-134		4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane		73.6 %		48.2-134		4021414	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane		82.6 %		49.1-148		4021414	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 9 (0-6")
H240701-71 (Soil)

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

Chloride	16.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		150 %		71.5-134		4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane		84.5 %		48.2-134		4021414	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane		91.4 %		49.1-148		4021414	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 10 (0-6")**H240701-72 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			152 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021414	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021414	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021414	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			85.6 %		48.2-134	4021414	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			93.4 %		49.1-148	4021414	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 11 (0-6")**H240701-73 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			159 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			82.7 %		48.2-134	4021415	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			88.0 %		49.1-148	4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 12 (0-6")**H240701-74 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			160 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			91.7 %		48.2-134	4021415	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			98.8 %		49.1-148	4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 13 (0-6")**H240701-75 (Soil)**

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

Chloride	288		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			160 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			91.9 %		48.2-134	4021415	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			101 %		49.1-148	4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 14 (0-6")**H240701-76 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			162 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			90.1 %		48.2-134	4021415	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			99.0 %		49.1-148	4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 15 (0-6")**H240701-77 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			161 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			88.7 %		48.2-134	4021415	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			95.5 %		49.1-148	4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 16 (0-6")**H240701-78 (Soil)**

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

Chloride	64.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			156 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			88.5 %		48.2-134	4021415	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			94.7 %		49.1-148	4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 17 (0-6")**H240701-79 (Soil)**

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

Chloride	64.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			158 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			96.9 %		48.2-134	4021415	MS	14-Feb-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			105 %		49.1-148	4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 18 (0-6")**H240701-80 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			159 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			88.8 %		48.2-134	4021415	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			97.5 %		49.1-148	4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 19 (0-6")**H240701-81 (Soil)**

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

Chloride	112		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	152 %		71.5-134			4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	36.2		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	12.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane	92.7 %		48.2-134			4021415	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane	105 %		49.1-148			4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 20 (0-6")**H240701-82 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		164 %		71.5-134		4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	70.2		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	35.2		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane		79.8 %		48.2-134		4021415	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane		92.6 %		49.1-148		4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 21 (0-6")**H240701-83 (Soil)**

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

Chloride	176		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			154 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane			91.2 %		48.2-134	4021415	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			99.7 %		49.1-148	4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 22 (0-6")**H240701-84 (Soil)**

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

Chloride	96.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)		159 %		71.5-134		4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
DRO >C10-C28*	55.7		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	
EXT DRO >C28-C36	20.7		10.0	mg/kg	1	4021415	MS	14-Feb-24	8015B	

Surrogate: 1-Chlorooctane		84.1 %		48.2-134		4021415	MS	14-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane		92.7 %		49.1-148		4021415	MS	14-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 23 (0-6")**H240701-85 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021**S-04**

Benzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021418	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021418	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			166 %		71.5-134	4021418	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			91.7 %		48.2-134	4021415	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			99.1 %		49.1-148	4021415	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 24 (0-6")**H240701-86 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021501	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.2 %	71.5-134		4021501	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			92.6 %	48.2-134		4021415	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			100 %	49.1-148		4021415	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 25 (0-6")**H240701-87 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4021525	CT	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021501	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 99.1 % 71.5-134 4021501 JH 15-Feb-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane 89.6 % 48.2-134 4021415 MS 15-Feb-24 8015B

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148 4021415 MS 15-Feb-24 8015B

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 26 (0-6")**H240701-88 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4021519	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021501	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.4 %		71.5-134	4021501	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			90.0 %		48.2-134	4021415	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			95.8 %		49.1-148	4021415	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 27 (0-6")**H240701-89 (Soil)**

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

Chloride	96.0		16.0	mg/kg	4	4021519	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021501	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.6 %	71.5-134		4021501	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			91.2 %	48.2-134		4021415	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			96.7 %	49.1-148		4021415	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

H - 28 (0-6")**H240701-90 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4021519	HM	15-Feb-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4021501	JH	15-Feb-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4021501	JH	15-Feb-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			99.3 %		71.5-134	4021501	JH	15-Feb-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4021415	MS	15-Feb-24	8015B	

Surrogate: 1-Chlorooctane			81.9 %		48.2-134	4021415	MS	15-Feb-24	8015B	
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Surrogate: 1-Chlorooctadecane			84.7 %		49.1-148	4021415	MS	15-Feb-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4021433 - 1:4 DI Water**Blank (4021433-BLK1)**

Prepared & Analyzed: 14-Feb-24

Chloride	ND	16.0	mg/kg							
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LCS (4021433-BS1)

Prepared & Analyzed: 14-Feb-24

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (4021433-BSD1)

Prepared & Analyzed: 14-Feb-24

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Batch 4021434 - 1:4 DI Water**Blank (4021434-BLK1)**

Prepared & Analyzed: 14-Feb-24

Chloride	ND	16.0	mg/kg							
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LCS (4021434-BS1)

Prepared & Analyzed: 14-Feb-24

Chloride	416	16.0	mg/kg	400		104	80-120			
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LCS Dup (4021434-BSD1)

Prepared & Analyzed: 14-Feb-24

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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Batch 4021519 - 1:4 DI Water**Blank (4021519-BLK1)**

Prepared & Analyzed: 15-Feb-24

Chloride	ND	16.0	mg/kg							
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LCS (4021519-BS1)

Prepared & Analyzed: 15-Feb-24

Chloride	432	16.0	mg/kg	400		108	80-120			
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:NTG ENVIRONMENTAL
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:Reported:
26-Feb-24 13:37**Inorganic Compounds - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4021519 - 1:4 DI Water**LCS Dup (4021519-BSD1)**

Prepared & Analyzed: 15-Feb-24

Chloride	464	16.0	mg/kg	400	116	80-120	7.14	20
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Batch 4021520 - 1:4 DI Water**Blank (4021520-BLK1)**

Prepared & Analyzed: 15-Feb-24

Chloride	ND	16.0	mg/kg
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LCS (4021520-BS1)

Prepared & Analyzed: 15-Feb-24

Chloride	432	16.0	mg/kg	400	108	80-120
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LCS Dup (4021520-BSD1)

Prepared & Analyzed: 15-Feb-24

Chloride	448	16.0	mg/kg	400	112	80-120	3.64	20
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Batch 4021525 - 1:4 DI Water**Blank (4021525-BLK1)**

Prepared & Analyzed: 15-Feb-24

Chloride	ND	16.0	mg/kg
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LCS (4021525-BS1)

Prepared & Analyzed: 15-Feb-24

Chloride	464	16.0	mg/kg	400	116	80-120
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LCS Dup (4021525-BSD1)

Prepared & Analyzed: 15-Feb-24

Chloride	448	16.0	mg/kg	400	112	80-120	3.51	20
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Batch 4022205 - 1:4 DI Water**Blank (4022205-BLK1)**

Prepared & Analyzed: 22-Feb-24

Chloride	ND	16.0	mg/kg
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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4022205 - 1:4 DI Water**LCS (4022205-BS1)**

Prepared & Analyzed: 22-Feb-24

Chloride	432	16.0	mg/kg	400	108	80-120
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LCS Dup (4022205-BSD1)

Prepared & Analyzed: 22-Feb-24

Chloride	448	16.0	mg/kg	400	112	80-120	3.64	20
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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4021416 - Volatiles**Blank (4021416-BLK1)**

Prepared & Analyzed: 14-Feb-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0531		mg/kg	0.0500		106	71.5-134			

LCS (4021416-BS1)

Prepared & Analyzed: 14-Feb-24

Benzene	1.93	0.050	mg/kg	2.00		96.6	82.8-130			
Toluene	1.93	0.050	mg/kg	2.00		96.6	86-128			
Ethylbenzene	1.91	0.050	mg/kg	2.00		95.5	85.9-128			
m,p-Xylene	3.93	0.100	mg/kg	4.00		98.2	89-129			
o-Xylene	1.89	0.050	mg/kg	2.00		94.4	86.1-125			
Total Xylenes	5.82	0.150	mg/kg	6.00		97.0	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0513		mg/kg	0.0500		103	71.5-134			

LCS Dup (4021416-BS1)

Prepared & Analyzed: 14-Feb-24

Benzene	2.15	0.050	mg/kg	2.00		107	82.8-130	10.5	15.8	
Toluene	2.15	0.050	mg/kg	2.00		107	86-128	10.6	15.9	
Ethylbenzene	2.13	0.050	mg/kg	2.00		107	85.9-128	11.1	16	
m,p-Xylene	4.34	0.100	mg/kg	4.00		109	89-129	10.0	16.2	
o-Xylene	2.11	0.050	mg/kg	2.00		106	86.1-125	11.3	16.7	
Total Xylenes	6.46	0.150	mg/kg	6.00		108	88.2-128	10.4	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0522		mg/kg	0.0500		104	71.5-134			

Batch 4021417 - Volatiles**Blank (4021417-BLK1)**

Prepared: 14-Feb-24 Analyzed: 15-Feb-24

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

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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4021417 - Volatiles**Blank (4021417-BLK1)**

Prepared: 14-Feb-24 Analyzed: 15-Feb-24

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0532		mg/kg	0.0500		106	71.5-134			

LCS (4021417-BS1)

Prepared: 14-Feb-24 Analyzed: 15-Feb-24

Benzene	1.80	0.050	mg/kg	2.00		90.1	82.8-130			
Toluene	1.82	0.050	mg/kg	2.00		90.8	86-128			
Ethylbenzene	1.85	0.050	mg/kg	2.00		92.7	85.9-128			
m,p-Xylene	3.65	0.100	mg/kg	4.00		91.4	89-129			
o-Xylene	1.82	0.050	mg/kg	2.00		91.1	86.1-125			
Total Xylenes	5.48	0.150	mg/kg	6.00		91.3	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0529		mg/kg	0.0500		106	71.5-134			

LCS Dup (4021417-BS1)

Prepared: 14-Feb-24 Analyzed: 15-Feb-24

Benzene	2.06	0.050	mg/kg	2.00		103	82.8-130	13.4	15.8	
Toluene	1.99	0.050	mg/kg	2.00		99.5	86-128	9.15	15.9	
Ethylbenzene	2.03	0.050	mg/kg	2.00		102	85.9-128	9.11	16	
m,p-Xylene	3.98	0.100	mg/kg	4.00		99.4	89-129	8.41	16.2	
o-Xylene	2.00	0.050	mg/kg	2.00		99.8	86.1-125	9.05	16.7	
Total Xylenes	5.97	0.150	mg/kg	6.00		99.5	88.2-128	8.62	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0478		mg/kg	0.0500		95.5	71.5-134			

Batch 4021418 - Volatiles**Blank (4021418-BLK1)**

Prepared: 14-Feb-24 Analyzed: 15-Feb-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0763		mg/kg	0.0500		153	71.5-134			S-04

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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4021418 - Volatiles**LCS (4021418-BS1)**

Prepared: 14-Feb-24 Analyzed: 15-Feb-24

Benzene	1.81	0.050	mg/kg	2.00		90.4	82.8-130			
Toluene	1.94	0.050	mg/kg	2.00		96.8	86-128			
Ethylbenzene	2.19	0.050	mg/kg	2.00		109	85.9-128			
m,p-Xylene	4.25	0.100	mg/kg	4.00		106	89-129			
o-Xylene	2.28	0.050	mg/kg	2.00		114	86.1-125			
Total Xylenes	6.53	0.150	mg/kg	6.00		109	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0746		mg/kg	0.0500		149	71.5-134			S-04

LCS Dup (4021418-BSD1)

Prepared: 14-Feb-24 Analyzed: 15-Feb-24

Benzene	2.31	0.050	mg/kg	2.00		115	82.8-130	24.4	15.8	QR-04
Toluene	1.80	0.050	mg/kg	2.00		90.0	86-128	7.21	15.9	
Ethylbenzene	2.81	0.050	mg/kg	2.00		141	85.9-128	24.9	16	BS1, QR-04
m,p-Xylene	5.39	0.100	mg/kg	4.00		135	89-129	23.6	16.2	BS1, QR-04
o-Xylene	2.95	0.050	mg/kg	2.00		147	86.1-125	25.6	16.7	BS1, QR-04
Total Xylenes	8.34	0.150	mg/kg	6.00		139	88.2-128	24.3	16.3	BS1, QR-04
Surrogate: 4-Bromofluorobenzene (PID)	0.0808		mg/kg	0.0500		162	71.5-134			S-04

Batch 4021501 - Volatiles**Blank (4021501-BLK1)**

Prepared & Analyzed: 15-Feb-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		99.3	71.5-134			

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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4021501 - Volatiles**LCS (4021501-BS1)**

Prepared & Analyzed: 15-Feb-24

Benzene	1.97	0.050	mg/kg	2.00		98.5	82.8-130		
Toluene	1.96	0.050	mg/kg	2.00		97.9	86-128		
Ethylbenzene	1.94	0.050	mg/kg	2.00		97.0	85.9-128		
m,p-Xylene	3.75	0.100	mg/kg	4.00		93.9	89-129		
o-Xylene	1.89	0.050	mg/kg	2.00		94.7	86.1-125		
Total Xylenes	5.65	0.150	mg/kg	6.00		94.1	88.2-128		

Surrogate: 4-Bromofluorobenzene (PID)	0.0496		mg/kg	0.0500		99.2	71.5-134		
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LCS Dup (4021501-BSD1)

Prepared & Analyzed: 15-Feb-24

Benzene	2.27	0.050	mg/kg	2.00		114	82.8-130	14.2	15.8
Toluene	2.26	0.050	mg/kg	2.00		113	86-128	14.4	15.9
Ethylbenzene	2.24	0.050	mg/kg	2.00		112	85.9-128	14.2	16
m,p-Xylene	4.35	0.100	mg/kg	4.00		109	89-129	14.7	16.2
o-Xylene	2.19	0.050	mg/kg	2.00		109	86.1-125	14.3	16.7
Total Xylenes	6.54	0.150	mg/kg	6.00		109	88.2-128	14.6	16.3

Surrogate: 4-Bromofluorobenzene (PID)	0.0498		mg/kg	0.0500		99.7	71.5-134		
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Batch 4022113 - Volatiles**Blank (4022113-BLK1)**

Prepared & Analyzed: 21-Feb-24

Benzene	ND	0.050	mg/kg						
Toluene	ND	0.050	mg/kg						
Ethylbenzene	ND	0.050	mg/kg						
Total Xylenes	ND	0.150	mg/kg						
Total BTEX	ND	0.300	mg/kg						

Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		95.7	71.5-134		
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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4022113 - Volatiles**LCS (4022113-BS1)**

Prepared & Analyzed: 21-Feb-24

Benzene	2.38	0.050	mg/kg	2.00		119	82.8-130			
Toluene	2.08	0.050	mg/kg	2.00		104	86-128			
Ethylbenzene	2.05	0.050	mg/kg	2.00		103	85.9-128			
m,p-Xylene	3.91	0.100	mg/kg	4.00		97.9	89-129			
o-Xylene	2.01	0.050	mg/kg	2.00		100	86.1-125			
Total Xylenes	5.92	0.150	mg/kg	6.00		98.7	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0449		mg/kg	0.0500		89.7	71.5-134			

LCS Dup (4022113-BS1)

Prepared & Analyzed: 21-Feb-24

Benzene	2.38	0.050	mg/kg	2.00		119	82.8-130	0.186	15.8	
Toluene	2.10	0.050	mg/kg	2.00		105	86-128	1.25	15.9	
Ethylbenzene	2.05	0.050	mg/kg	2.00		103	85.9-128	0.125	16	
m,p-Xylene	3.85	0.100	mg/kg	4.00		96.2	89-129	1.72	16.2	
o-Xylene	1.98	0.050	mg/kg	2.00		98.9	86.1-125	1.39	16.7	
Total Xylenes	5.83	0.150	mg/kg	6.00		97.1	88.2-128	1.61	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0453		mg/kg	0.0500		90.6	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4021410 - General Prep - Organics**Blank (4021410-BLK1)**

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	46.4		mg/kg	50.0		92.8	48.2-134			
Surrogate: 1-Chlorooctadecane	44.2		mg/kg	50.0		88.4	49.1-148			

LCS (4021410-BS1)

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	223	10.0	mg/kg	200		112	66.4-123			
DRO >C10-C28	216	10.0	mg/kg	200		108	66.5-118			
Total TPH C6-C28	439	10.0	mg/kg	400		110	77.6-123			
Surrogate: 1-Chlorooctane	50.3		mg/kg	50.0		101	48.2-134			
Surrogate: 1-Chlorooctadecane	47.2		mg/kg	50.0		94.4	49.1-148			

LCS Dup (4021410-BS1)

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	223	10.0	mg/kg	200		111	66.4-123	0.192	17.7	
DRO >C10-C28	220	10.0	mg/kg	200		110	66.5-118	1.84	21	
Total TPH C6-C28	443	10.0	mg/kg	400		111	77.6-123	0.813	18.5	
Surrogate: 1-Chlorooctane	50.5		mg/kg	50.0		101	48.2-134			
Surrogate: 1-Chlorooctadecane	46.8		mg/kg	50.0		93.7	49.1-148			

Batch 4021414 - General Prep - Organics**Blank (4021414-BLK1)**

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	44.7		mg/kg	50.0		89.5	48.2-134			
Surrogate: 1-Chlorooctadecane	50.9		mg/kg	50.0		102	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4021414 - General Prep - Organics**LCS (4021414-BS1)**

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	197	10.0	mg/kg	200		98.4	66.4-123		
DRO >C10-C28	202	10.0	mg/kg	200		101	66.5-118		
Total TPH C6-C28	398	10.0	mg/kg	400		99.6	77.6-123		
Surrogate: 1-Chlorooctane	48.2		mg/kg	50.0		96.3	48.2-134		
Surrogate: 1-Chlorooctadecane	49.7		mg/kg	50.0		99.4	49.1-148		

LCS Dup (4021414-BS1)

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	188	10.0	mg/kg	200		94.2	66.4-123	4.35	17.7
DRO >C10-C28	195	10.0	mg/kg	200		97.6	66.5-118	3.22	21
Total TPH C6-C28	384	10.0	mg/kg	400		95.9	77.6-123	3.78	18.5
Surrogate: 1-Chlorooctane	48.2		mg/kg	50.0		96.4	48.2-134		
Surrogate: 1-Chlorooctadecane	52.9		mg/kg	50.0		106	49.1-148		

Batch 4021415 - General Prep - Organics**Blank (4021415-BLK1)**

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0		94.2	48.2-134		
Surrogate: 1-Chlorooctadecane	50.7		mg/kg	50.0		101	49.1-148		

LCS (4021415-BS1)

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	207	10.0	mg/kg	200		104	66.4-123		
DRO >C10-C28	192	10.0	mg/kg	200		95.9	66.5-118		
Total TPH C6-C28	399	10.0	mg/kg	400		99.7	77.6-123		
Surrogate: 1-Chlorooctane	51.1		mg/kg	50.0		102	48.2-134		
Surrogate: 1-Chlorooctadecane	51.8		mg/kg	50.0		104	49.1-148		

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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4021415 - General Prep - Organics**LCS Dup (4021415-BSD1)**

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	212	10.0	mg/kg	200		106	66.4-123	2.37	17.7	
DRO >C10-C28	196	10.0	mg/kg	200		98.1	66.5-118	2.26	21	
Total TPH C6-C28	408	10.0	mg/kg	400		102	77.6-123	2.32	18.5	
Surrogate: 1-Chlorooctane	53.0		mg/kg	50.0		106	48.2-134			
Surrogate: 1-Chlorooctadecane	54.4		mg/kg	50.0		109	49.1-148			

Batch 4021429 - General Prep - Organics**Blank (4021429-BLK1)**

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	46.8		mg/kg	50.0		93.5	48.2-134			
Surrogate: 1-Chlorooctadecane	44.8		mg/kg	50.0		89.6	49.1-148			

LCS (4021429-BS1)

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	209	10.0	mg/kg	200		105	66.4-123			
DRO >C10-C28	208	10.0	mg/kg	200		104	66.5-118			
Total TPH C6-C28	417	10.0	mg/kg	400		104	77.6-123			
Surrogate: 1-Chlorooctane	49.5		mg/kg	50.0		98.9	48.2-134			
Surrogate: 1-Chlorooctadecane	49.6		mg/kg	50.0		99.2	49.1-148			

LCS Dup (4021429-BSD1)

Prepared & Analyzed: 14-Feb-24

GRO C6-C10	212	10.0	mg/kg	200		106	66.4-123	1.50	17.7	
DRO >C10-C28	212	10.0	mg/kg	200		106	66.5-118	1.86	21	
Total TPH C6-C28	424	10.0	mg/kg	400		106	77.6-123	1.68	18.5	
Surrogate: 1-Chlorooctane	50.9		mg/kg	50.0		102	48.2-134			
Surrogate: 1-Chlorooctadecane	55.0		mg/kg	50.0		110	49.1-148			

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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886 (nAPP2326145212)
Project Manager: NICK HART
Fax To:

Reported:
26-Feb-24 13:37

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4022132 - General Prep - Organics**Blank (4022132-BLK1)**

Prepared & Analyzed: 21-Feb-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	45.0		mg/kg	50.0		89.9	48.2-134			
Surrogate: 1-Chlorooctadecane	43.0		mg/kg	50.0		86.0	49.1-148			

LCS (4022132-BS1)

Prepared & Analyzed: 21-Feb-24

GRO C6-C10	202	10.0	mg/kg	200		101	66.4-123			
DRO >C10-C28	197	10.0	mg/kg	200		98.7	66.5-118			
Total TPH C6-C28	399	10.0	mg/kg	400		99.7	77.6-123			
Surrogate: 1-Chlorooctane	47.0		mg/kg	50.0		94.0	48.2-134			
Surrogate: 1-Chlorooctadecane	47.2		mg/kg	50.0		94.4	49.1-148			

LCS Dup (4022132-BS1)

Prepared & Analyzed: 21-Feb-24

GRO C6-C10	204	10.0	mg/kg	200		102	66.4-123	1.35	17.7	
DRO >C10-C28	196	10.0	mg/kg	200		98.0	66.5-118	0.678	21	
Total TPH C6-C28	400	10.0	mg/kg	400		100	77.6-123	0.353	18.5	
Surrogate: 1-Chlorooctane	48.2		mg/kg	50.0		96.4	48.2-134			
Surrogate: 1-Chlorooctadecane	47.4		mg/kg	50.0		94.9	49.1-148			

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04	The RPD for the BS/BSD was outside of historical limits.
BS1	Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
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: H240701

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beard
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PRF <input type="checkbox"/> Brownfield <input type="checkbox"/> RR <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level:	Level I <input type="checkbox"/> Level II <input type="checkbox"/> PST/US <input type="checkbox"/> TRR <input type="checkbox"/> Level III <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:	Mesa B 10-13 18-21 Battery	Turn Around		ANALYSIS REQUEST																Preservative Codes					
Project Number:	237886	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code																	None: NO	DI Water: H ₂ O				
Project Location:	Lea, Co NM	Due Date:																		Cool: Cool	MeOH: Me				
Sampler's Name:	Kenny/Clayton	TAT starts the day received by the lab, if received by 4:30pm																		HCL: HC	HNO ₃ : HN				
PO #:	Incident ID 51																			H ₂ SO ₄ : H ₂	NaOH: Na				
SAMPLE RECEIPT		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<div style="display: flex; justify-content: space-between;"> <div>Parameters</div> <div>BTEX 8021B</div> <div>TPH 8015M (GRO + DRO + MRO)</div> <div>Chloride 4500</div> </div>																HOLD		H ₃ PO ₄ : HP NaHSO ₄ : NABIS Na ₂ S ₂ O ₃ : NaSO ₃ Zn Acetate+NaOH: Zn NaOH+Ascorbic Acid: SAPC	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140																						
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:																							
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	-1.3°																						
Total Containers:	N/A	Corrected Temperature:																							
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont															Sample Comments				
V-1 (0-6")	2/12/2024	-	X	-	Grab/	1	X	X	X																
V-1 (1'-1.5')	2/12/2024	-	X	-	Grab/	1	X	X	X																
V-1 (2'-2.5')	2/12/2024	-	X	-	Grab/	1	X	X	X																
V-1 (3'-3.5')	2/12/2024	-	X	-	Grab/	1	X	X	X																
V-2 (0-6")	2/12/2024	-	X	-	Grab/	1	X	X	X																
V-2 (1'-1.5')	2/12/2024	-	X	-	Grab/	1	X	X	X																
V-2 (2'-2.5')	2/12/2024	-	X	-	Grab/	1	X	X	X																
V-2 (3'-3.5')	2/12/2024	-	X	-	Grab/	1	X	X	X																
V-3 (0-6")	2/12/2024	-	X	-	Grab/	1	X	X	X																
V-3 (1'-1.5')	2/12/2024	-	X	-	Grab/	1	X	X	X																

Additional Comments:

Billing Code:

* nAPP2326145212 2/15/24

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	2-14-24 1215			
3					
5					



Chain of Custody

Work Order No: H240701

Page ____ of ____

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beard
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PRF <input type="checkbox"/> Brownfield <input type="checkbox"/> RR <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level <input type="checkbox"/> Level II <input type="checkbox"/> PST/US <input type="checkbox"/> TRR <input type="checkbox"/> Level <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:	237886	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code													None: NO	DI Water: H ₂ O		
Project Location	Lea, Co NM	Due Date:		Parameters	BTX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500										Cool: Cool	MeOH: Me		
Sampler's Name:	Kenny/Clayton	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN		
PO #:	Incident ID 51																H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>														Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:															Correction Factor:		NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:				Na ₂ S ₂ O ₃ : NaSO ₃														
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Corrected Temperature:				Zn Acetate+NaOH: Zn														
Total Containers:	N/A					NaOH+Ascorbic Acid: SAPC														
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
V-3 (2'-2.5')	2/12/2024	-	X	-	Grab/	1	X	X	X								X			
V-3 (3'-3.5')	2/12/2024	-	X	-	Grab/	1	X	X	X											
V-3 (4'-4.5')	2/12/2024	-	X	-	Grab/	1	X	X	X											
V-3 (5'-5.5')	2/12/2024	-	X	-	Grab/	1	X	X	X								X			
V-4 (0-6")	2/12/2024	-	X	-	Grab/	1	X	X	X											
V-4 (1'-1.5')	2/12/2024	-	X	-	Grab/	1	X	X	X											
V-4 (2'-2.5')	2/12/2024	-	X	-	Grab/	1	X	X	X											
V-4 (3'-3.5')	2/12/2024	-	X	-	Grab/	1	X	X	X								X			
V-5 (0-6")	2/12/2024	-	X	-	Grab/	1	X	X	X											
V-5 (1'-1.5')	2/12/2024	-	X	-	Grab/	1	X	X	X											

Additional Comments: Billing Code:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>Tamara Elda Byr</i>	2-14-24 12:15			
3					
5					

Revised Date 05012020 Rev. 2020.1



Chain of Custody

Work Order No: H240701

Page ____ of ____

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com , bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PRF <input type="checkbox"/> Brownfield <input type="checkbox"/> RR <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level I <input type="checkbox"/> Level II <input type="checkbox"/> PST/US <input type="checkbox"/> TRR <input type="checkbox"/> Level III <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Mesa B 10-13 18-21 Battery		Turn Around				ANALYSIS REQUEST												Preservative Codes	
Project Number:	237886	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code														None: NO	DI Water: H ₂ O		
Project Location	Lea, Co NM	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD										Cool: Cool	MeOH: Me		
Sampler's Name:	Kenny/Clayton	TAT starts the day received by the lab, if received by 4:30pm																HCL: HC	HNO ₃ : HN		
PO #:	Incident ID 51																	H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>															Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	H ₃ PO ₄ : HP	
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140															NaHSO ₄ : NABIS			
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:		Na ₂ S ₂ O ₃ : NaSO ₃																	
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	-1.3°C	Zn Acetate+NaOH: Zn																	
Total Containers:	N/A	Corrected Temperature:		NaOH+Ascorbic Acid: SAPC																	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments		
V-5 (2'-2.5')	2/12/2024	-	X	-	Grab/	1	X	X	X												
V-6 (0-6")	2/12/2024	-	X	-	Grab/	1	X	X	X												
V-6 (1'-1.5')	2/12/2024	-	X	-	Grab/	1	X	X	X												
V-6 (2'-2.5')	2/12/2024	-	X	-	Grab/	1	X	X	X												
V-7 (0-6")	2/12/2024	-	X	-	Grab/	1	X	X	X												
V-7 (1'-1.5')	2/12/2024	-	X	-	Grab/	1	X	X	X												
V-7 (2'-2.5')	2/12/2024	-	X	-	Grab/	1	X	X	X												
V-7 (3'-3.5')	2/12/2024	-	X	-	Grab/	1	X	X	X												
V-8 (0-6")	2/12/2024	-	X	-	Grab/	1	X	X	X												
V-8 (1'-1.5')	2/12/2024	-	X	-	Grab/	1	X	X	X												

Additional Comments: Billing Code:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	2-14-24 12:15			
3					
5					

Revised Date 05/12/2020 Rev. 2020.1



Chain of Custody

Work Order No: H240701

Page ____ of ____

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PRF <input type="checkbox"/> Brownfield <input type="checkbox"/> RR <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level <input type="checkbox"/> Level II <input type="checkbox"/> PST/US <input type="checkbox"/> TRR <input type="checkbox"/> Level <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Mesa B 10-13 18-21 Battery		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Project Number:		237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code												None: NO DI Water: H ₂ O			
Project Location		Lea, Co NM		Due Date:														Cool: Cool MeOH: Me			
Sampler's Name:		Kenny/Clayton		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN			
PO #:		Incident ID 51																H ₂ SO ₄ : H ₂ NaOH: Na			
SAMPLE RECEIPT		Temp Blank:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Wet Ice:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>												H ₃ PO ₄ : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140												NaHSO ₄ : NABIS			
Cooler Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		-1.3°												Zn Acetate+NaOH: Zn			
Total Containers:		N/A		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
V-8 (2'-2.5')		2/12/2024	-	X	-	Grab/	1	X	X	X							X				
V-8 (3'-3.5')		2/12/2024	-	X	-	Grab/	1	X	X	X							X				
V-8 (4'-4.5')		2/12/2024	-	X	-	Grab/	1	X	X	X											
V-8 (5'-5.5')		2/12/2024	-	X	-	Grab/	1	X	X	X							X				
V-8 (6'-6.5')		2/12/2024	-	X	-	Grab/	1	X	X	X							X				
V-8 (7'-7.5')		2/12/2024	-	X	-	Grab/	1	X	X	X											
V-8 (8'-8.5')		2/12/2024	-	X	-	Grab/	1	X	X	X							X				
V-8 (9'-9.5')		2/12/2024	-	X	-	Grab/	1	X	X	X											
V-8 (10'-10.5')		2/13/2024	-	X	-	Grab/	1	X	X	X											
V-8 (11'-11.5')		2/13/2024	-	X	-	Grab/	1	X	X	X											

Additional Comments: Billing Code:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	2-14-24 12:15			



Chain of Custody

Work Order No:

Page ____ of ____

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beard
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com , bhaskell@ntglobal.com

Work Order Comments				
Program:	UST/PS <input type="checkbox"/>	PRF <input type="checkbox"/>	Brownfield <input type="checkbox"/>	RR <input type="checkbox"/> Superf <input type="checkbox"/>
State of Project:				
Reporting:	Level I <input type="checkbox"/>	Level II <input type="checkbox"/>	PST/US <input type="checkbox"/>	TRR <input type="checkbox"/> Level <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/>	ADaPT <input type="checkbox"/>	Other: <input type="text"/>	

[illegible]

Additional Comments:	Billing Code:
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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>Demara DelaRosa</i>	2-14-21 12:15			
3					
5					



Chain of Custody

Work Order No:

H240701

Page ____ of ____

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beard
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PRF <input type="checkbox"/> Brownfield <input type="checkbox"/> RR <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level <input type="checkbox"/> Level II <input type="checkbox"/> PST/US <input type="checkbox"/> TRR <input type="checkbox"/> Level <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:	237886	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush	Pres. Code														None: NO	DI Water: H ₂ O		
Project Location	Lea, Co NM	Due Date:															Cool: Cool	MeOH: Me		
Sampler's Name:	Kenny/Clayton	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN		
PO #:	Incident ID 51																H ₂ SO ₄ : H ₂	NaOH: Na		
SAMPLE RECEIPT		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	<div style="display: flex; justify-content: space-between;"> <div>Parameters</div> <div>BTEX 8021B</div> <div>TPH 8015M (GRO + DRO + MRO)</div> <div>Chloride 4500</div> </div>												HOLD		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140																	
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Correction Factor:																		
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	Temperature Reading:	-1.3°C																	
Total Containers:	N/A	Corrected Temperature:																		
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
V-16 (0-6")	2/13/2024	-	X	-	Grab/	1	X	X	X											
V-16 (1'-1.5')	2/13/2024	-	X	-	Grab/	1	X	X	X											
H-1 (0-6")	2/13/2024	-	X	-	Grab/	1	X	X	X											
H-2 (0-6")	2/13/2024	-	X	-	Grab/	1	X	X	X											
H-3 (0-6")	2/13/2024	-	X	-	Grab/	1	X	X	X											
H-4 (0-6")	2/13/2024	-	X	-	Grab/	1	X	X	X											
H-5 (0-6")	2/13/2024	-	X	-	Grab/	1	X	X	X											
H-6 (0-6")	2/13/2024	-	X	-	Grab/	1	X	X	X											
H-7 (0-6")	2/13/2024	-	X	-	Grab/	1	X	X	X											
H-8 (0-6")	2/13/2024	-	X	-	Grab/	1	X	X	X											

Additional Comments:

Billing Code:

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	2-14-24 12:15			
3					
5					

Revised Date 05/12/2020 Rev. 2020.1



Chain of Custody

Work Order No: H240701

Page _____ of _____


Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com , bhaskell@ntglobal.com

Work Order Comments			
Program:	UST/PS <input type="checkbox"/>	PRF <input type="checkbox"/>	Brownfield <input type="checkbox"/> RR <input type="checkbox"/> Superf <input type="checkbox"/>
State of Project:			
Reporting:	Level I <input type="checkbox"/>	Level II <input type="checkbox"/>	PST/US <input type="checkbox"/> TRR <input type="checkbox"/> Level <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/>	ADaPT <input type="checkbox"/>	Other: <input type="checkbox"/>

[illegible]

Additional Comments:	Billing Code:
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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han		2-14-24 12:15			
3					
5					



Chain of Custody

Work Order No: H240701

Page _____ of _____


Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com , bhaskell@ntglobal.com

Work Order Comments			
Program: UST/PS	PRF	Brownfield	RR
State of Project:			
Reporting: Level I	Level II	PST/US	TRR
Deliverables: EDD			
ADaPT			
Other:			

[illegible]

Additional Comments:	Billing Code:
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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han		2-14-34 1215			
3					
5					



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

April 23, 2024

NICK HART

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESA B 10-13 18-21 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/17/24 13:15.

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

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
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: CS - 1 (H242038-01)

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	04/18/2024	ND	2.11	105	2.00	5.95		
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66		
Total BTEX	<0.300	0.300	04/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	04/18/2024	ND	464	116	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 92.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 2 (H242038-02)

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	04/18/2024	ND	2.11	105	2.00	5.95	
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66	
Total BTX	<0.300	0.300	04/18/2024	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	144	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 97.8 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 3 (H242038-03)

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	04/18/2024	ND	2.11	105	2.00	5.95		
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66		
Total BTX	<0.300	0.300	04/18/2024	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	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 94.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS -4 (H242038-04)

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	04/18/2024	ND	2.11	105	2.00	5.95		
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66		
Total BTEX	<0.300	0.300	04/18/2024	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	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 88.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 5 (H242038-05)

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	04/18/2024	ND	2.11	105	2.00	5.95		
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66		
Total BTEx	<0.300	0.300	04/18/2024	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	128	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 6 (H242038-06)

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	04/18/2024	ND	2.11	105	2.00	5.95	
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66	
Total BTX	<0.300	0.300	04/18/2024	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	144	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 7 (H242038-07)

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	04/18/2024	ND	2.11	105	2.00	5.95	
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66	
Total BTEX	<0.300	0.300	04/18/2024	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	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 95.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.7 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 8 (H242038-08)

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	04/18/2024	ND	2.11	105	2.00	5.95	
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66	
Total BTEX	<0.300	0.300	04/18/2024	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	32.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	47.6	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 83.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 9 (H242038-09)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.95		
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66		
Total BTEX	<0.300	0.300	04/18/2024	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	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	713	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	115	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 90.3 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 10 (H242038-10)

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	04/18/2024	ND	2.11	105	2.00	5.95	
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66	
Total BTEX	<0.300	0.300	04/18/2024	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	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	14.1	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 76.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 11 (H242038-11)

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	04/18/2024	ND	2.11	105	2.00	5.95	
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66	
Total BTX	<0.300	0.300	04/18/2024	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	80.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	86.6	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 12 (H242038-12)

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	04/18/2024	ND	2.11	105	2.00	5.95	
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66	
Total BTEX	<0.300	0.300	04/18/2024	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	32.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 89.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 13 (H242038-13)

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	04/18/2024	ND	2.11	105	2.00	5.95	
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66	
Total BTEX	<0.300	0.300	04/18/2024	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	496	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	617	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	159	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 98.0 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 14 (H242038-14)

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	04/18/2024	ND	2.11	105	2.00	5.95		
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66		
Total BTEX	<0.300	0.300	04/18/2024	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	176	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	67.6	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	16.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 74.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 15 (H242038-15)

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	04/18/2024	ND	2.11	105	2.00	5.95	
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66	
Total BTEX	<0.300	0.300	04/18/2024	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	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	56.5	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 16 (H242038-16)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.95	
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66	
Total BTEX	<0.300	0.300	04/18/2024	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	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	12.0	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 61.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 17 (H242038-17)

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	04/18/2024	ND	2.11	105	2.00	5.95	
Toluene*	<0.050	0.050	04/18/2024	ND	2.11	105	2.00	5.48	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.04	102	2.00	5.42	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	6.20	103	6.00	4.66	
Total BTEX	<0.300	0.300	04/18/2024	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	416	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	95.0	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	21.6	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 18 (H242038-18)

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	04/18/2024	ND	2.11	106	2.00	1.18	QR-03
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	QR-03
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	QM-07, QR-03
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	QM-07, QR-03
Total BTEX	<0.300	0.300	04/18/2024	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	32.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 71.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: CS - 19 (H242038-19)

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	04/18/2024	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	
Total BTX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 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	04/19/2024	ND	480	120	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	04/18/2024	ND	211	105	200	0.842	
DRO >C10-C28*	14.8	10.0	04/18/2024	ND	218	109	200	0.962	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 20 (H242038-20)

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	04/18/2024	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 21 (H242038-21)

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	04/18/2024	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	
Total BTX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 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	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 22 (H242038-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2024	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550		
Total BTEX	<0.300	0.300	04/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 23 (H242038-23)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2024	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 122 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 24 (H242038-24)

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	04/18/2024	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550		
Total BTX	<0.300	0.300	04/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	33.8	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 25 (H242038-25)

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	04/18/2024	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 26 (H242038-26)

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	04/18/2024	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550		
Total BTEX	<0.300	0.300	04/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 79.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.8 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 27 (H242038-27)

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	04/18/2024	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	68.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	18.5	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 28 (H242038-28)

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	04/18/2024	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550		
Total BTEX	<0.300	0.300	04/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	36.8	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.4 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 29 (H242038-29)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2024	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	48.6	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 30 (H242038-30)

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	04/18/2024	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	38.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 71.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 31 (H242038-31)

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	04/18/2024	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550		
Total BTEX	<0.300	0.300	04/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	58.7	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	11.5	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 68.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.3 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 32 (H242038-32)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2024	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	258	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	44.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 98.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.7 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 33 (H242038-33)

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	04/18/2024	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550		
Total BTEX	<0.300	0.300	04/18/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 34 (H242038-34)

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	04/18/2024	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 127 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 35 (H242038-35)

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	04/18/2024	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550		
Total BTEX	<0.300	0.300	04/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 131 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	288	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 87.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 36 (H242038-36)

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	04/18/2024	ND	2.11	106	2.00	1.18		
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550		
Total BTEX	<0.300	0.300	04/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 129 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 89.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 37 (H242038-37)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2024	ND	2.11	106	2.00	1.18	
Toluene*	<0.050	0.050	04/18/2024	ND	2.39	119	2.00	0.498	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.66	133	2.00	0.201	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	7.94	132	6.00	0.550	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 91.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 38 (H242038-38)

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	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 68.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 64.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 39 (H242038-39)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	194	97.1	200	0.123	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	198	99.1	200	3.84	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 40 (H242038-40)

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	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 61.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 53.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 41 (H242038-41)

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	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: CS - 42 (H242038-42)

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	04/18/2024	ND	2.13	106	2.00	4.44		
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28		
Total BTEX	<0.300	0.300	04/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 74.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 71.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 43 (H242038-43)

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	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	336	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 44 (H242038-44)

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	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 45 (H242038-45)

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	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 93.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 46 (H242038-46)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 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	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 78.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 67.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 47 (H242038-47)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2024	ND	2.13	106	2.00	4.44		
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28		
Total BTEX	<0.300	0.300	04/18/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 48 (H242038-48)

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	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	32.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 80.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 49 (H242038-49)

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	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	512	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 64.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 52.7 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 50 (H242038-50)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/18/2024	ND	2.13	106	2.00	4.44		
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33		
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73		
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28		
Total BTEX	<0.300	0.300	04/18/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 51 (H242038-51)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 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	32.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 52 (H242038-52)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/18/2024	ND	2.13	106	2.00	4.44	
Toluene*	<0.050	0.050	04/18/2024	ND	2.06	103	2.00	4.33	
Ethylbenzene*	<0.050	0.050	04/18/2024	ND	2.02	101	2.00	4.73	
Total Xylenes*	<0.150	0.150	04/18/2024	ND	5.93	98.8	6.00	5.28	
Total BTEX	<0.300	0.300	04/18/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	128	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 53 (H242038-53)

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	04/19/2024	ND	2.11	105	2.00	3.10		
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72		
Total BTEX	<0.300	0.300	04/19/2024	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	1140	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	82.2	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 87.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 54 (H242038-54)

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	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTEX	<0.300	0.300	04/19/2024	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	160	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.7 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 55 (H242038-55)

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	04/19/2024	ND	2.11	105	2.00	3.10		
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72		
Total BTEX	<0.300	0.300	04/19/2024	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	112	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 56 (H242038-56)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTEX	<0.300	0.300	04/19/2024	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	736	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 92.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: CS - 57 (H242038-57)

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	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTX	<0.300	0.300	04/19/2024	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	64.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 58 (H242038-58)

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	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTEX	<0.300	0.300	04/19/2024	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	32.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 59 (H242038-59)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTEX	<0.300	0.300	04/19/2024	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	128	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	201	100	200	3.21	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	97.9	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 70.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 62.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: CS - 60 (H242038-60)

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	04/19/2024	ND	2.11	105	2.00	3.10		
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72		
Total BTX	<0.300	0.300	04/19/2024	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	384	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 63.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 61 (H242038-61)

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	04/19/2024	ND	2.11	105	2.00	3.10		
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72		
Total BTX	<0.300	0.300	04/19/2024	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	656	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	35.1	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	10.4	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 87.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 62 (H242038-62)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	3.10		
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72		
Total BTEX	<0.300	0.300	04/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/19/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 89.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 63 (H242038-63)

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	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 82.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 64 (H242038-64)

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	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 65 (H242038-65)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 77.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 66 (H242038-66)

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	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 82.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 67 (H242038-67)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	3.10		
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72		
Total BTEx	<0.300	0.300	04/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	04/19/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 89.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 68 (H242038-68)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	14.6	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 73.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 69 (H242038-69)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	3.10		
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72		
Total BTEX	<0.300	0.300	04/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1550	16.0	04/19/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	13.8	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 70.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: CS - 70 (H242038-70)

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	04/19/2024	ND	2.11	105	2.00	3.10		
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72		
Total BTX	<0.300	0.300	04/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 83.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.2 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 71 (H242038-71)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 83.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.9 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 72 (H242038-72)

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	04/19/2024	ND	2.11	105	2.00	3.10	
Toluene*	<0.050	0.050	04/19/2024	ND	2.00	99.9	2.00	2.21	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	1.99	99.7	2.00	5.56	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	5.95	99.1	6.00	5.72	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 70.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 73 (H242038-73)

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	04/19/2024	ND	2.07	103	2.00	3.16		
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31		
Total BTEX	<0.300	0.300	04/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	04/19/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 89.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 74 (H242038-74)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16		
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31		
Total BTEX	<0.300	0.300	04/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	384	16.0	04/19/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 79.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.0 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 75 (H242038-75)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	432	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	20.8	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.1 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 76 (H242038-76)

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	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 81.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.9 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 77 (H242038-77)

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	04/19/2024	ND	2.07	103	2.00	3.16		
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31		
Total BTEX	<0.300	0.300	04/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/19/2024	ND	464	116	400	3.39		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 86.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: CS - 78 (H242038-78)

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	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.8 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 79 (H242038-79)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	189	94.4	200	0.496	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	186	92.9	200	0.624	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 80 (H242038-80)

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	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 81 (H242038-81)

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	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/19/2024	ND	464	116	400	3.39	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 67.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: CS - 82 (H242038-82)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16		
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31		
Total BTEX	<0.300	0.300	04/19/2024	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	208	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: CS - 83 (H242038-83)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTEX	<0.300	0.300	04/19/2024	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	112	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 84 (H242038-84)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16		
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31		
Total BTEX	<0.300	0.300	04/19/2024	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	80.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 85 (H242038-85)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTEX	<0.300	0.300	04/19/2024	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	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 86 (H242038-86)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16		
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31		
Total BTEx	<0.300	0.300	04/19/2024	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	512	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 87 (H242038-87)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTEX	<0.300	0.300	04/19/2024	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	32.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: CS - 88 (H242038-88)

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	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTX	<0.300	0.300	04/19/2024	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	448	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 81.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 89 (H242038-89)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTEX	<0.300	0.300	04/19/2024	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	32.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 75.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 90 (H242038-90)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16		
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31		
Total BTEX	<0.300	0.300	04/19/2024	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	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- BS1 Blank spike recovery above laboratory acceptance criteria. Results for analyte potentially biased high.
- 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: H042038Page 1 of 13

Page 93 of 101

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com , bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/>
State of Project:	
Reporting Level:	Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaP <input type="checkbox"/> Other:

Project Name:		Mesa B 10-13 18-21 Battery		Turn Around				ANALYSIS REQUEST										Preservative Codes							
Project Number:		237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code												None: NO DI Water: H ₂ O							
Project Location:		Lea, Co NM		Due Date:														Cool: Cool MeOH: Me							
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN							
PO #:		Incident ID 51																H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes No		Wet Ice:		Yes No												H ₃ PO ₄ : HP					
Received Intact:		Yes No		Thermometer ID:		140												NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes No N/A		Correction Factor:		-												Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes No N/A		Temperature Reading:		3.2												Zn Acetate+NaOH: Zn							
Total Containers:		124		Corrected Temperature:		-												NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont												Sample Comments	
CS-1		4/16/2024		-		X		-		Comp		1		X X X											
CS-2		4/16/2024		-		X		-		Comp		1		X X X											
CS-3		4/16/2024		-		X		-		Comp		1		X X X											
CS-4		4/16/2024		-		X		-		Comp		1		X X X											
CS-5		4/16/2024		-		X		-		Comp		1		X X X											
CS-6		4/16/2024		-		X		-		Comp		1		X X X											
CS-7		4/16/2024		-		X		-		Comp		1		X X X											
CS-8		4/16/2024		-		X		-		Comp		1		X X X											
CS-9		4/16/2024		-		X		-		Comp		1		X X X											
CS-10		4/16/2024		-		X		-		Comp		1		X X X											

Additional Comments: NMOC INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han		4-17-24/13:15			
3					
5					



Chain of Custody

Work Order No: H242038Page 2 of 13

Page 94 of 101

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes								
Project Number:		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush																				
Project Location:		Due Date:																				
Sampler's Name:		TAT starts the day received by the lab, if received by 4:30pm																				
PO #:																						
SAMPLE RECEIPT		Temp Blank:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>																	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Thermometer ID:																			
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Correction Factor:																			
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>	Temperature Reading:																			
Total Containers:		124		Corrected Temperature:																		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments				
CS-11		4/16/2024	-	X	-	Comp	1	X	X	X												
CS-12		4/16/2024	-	X	-	Comp	1	X	X	X												
CS-13		4/16/2024	-	X	-	Comp	1	X	X	X												
CS-14		4/16/2024	-	X	-	Comp	1	X	X	X												
CS-15		4/16/2024	-	X	-	Comp	1	X	X	X												
CS-16		4/16/2024	-	X	-	Comp	1	X	X	X												
CS-17		4/16/2024	-	X	-	Comp	1	X	X	X												
CS-18		4/16/2024	-	X	-	Comp	1	X	X	X												
CS-19		4/16/2024	-	X	-	Comp	1	X	X	X												
CS-20		4/16/2024	-	X	-	Comp	1	X	X	X												

Additional Comments: NMOCID INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han		4-17-24/13:15			



Chain of Custody

Work Order No:

H242038

Page 3 of 13

Page 95 of 101

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program: UST/PS <input type="checkbox"/>	PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/>
State of Project:	
Reporting: Level <input type="checkbox"/>	Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>
Deliverables: EDD <input type="checkbox"/>	ADaP <input type="checkbox"/> Other:

Project Name:		Mesa B 10-13 18-21 Battery		Turn Around				ANALYSIS REQUEST																Preservative Codes							
Project Number:		237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location:		Lea, Co NM		Due Date:																				Cool: Cool MeOH: Me							
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																				HCL: HC HNO ₃ : HN							
PO #:		Incident ID 51																						H ₂ SO ₄ : H ₂ 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 ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140																		NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:		-																		Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		3.2																		Zn Acetate+NaOH: Zn							
Total Containers:		124		Corrected Temperature:		-																		NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-21		4/16/2024		-		X		-		Comp		1		X X X																	
CS-22		4/16/2024		-		X		-		Comp		1		X X X																	
CS-23		4/16/2024		-		X		-		Comp		1		X X X																	
CS-24		4/16/2024		-		X		-		Comp		1		X X X																	
CS-25		4/16/2024		-		X		-		Comp		1		X X X																	
CS-26		4/16/2024		-		X		-		Comp		1		X X X																	
CS-27		4/16/2024		-		X		-		Comp		1		X X X																	
CS-28		4/16/2024		-		X		-		Comp		1		X X X																	
CS-29		4/16/2024		-		X		-		Comp		1		X X X																	
CS-30		4/16/2024		-		X		-		Comp		1		X X X																	

Additional Comments: NMOCD INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han		4-17-24/13:15			



Chain of Custody

Work Order No: H247038Page 4 of 13

Page 96 of 101

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program: UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/>	
State of Project:	
Reporting: Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> Le <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:		Mesa B 10-13 18-21 Battery		Turn Around				ANALYSIS REQUEST												Preservative Codes							
Project Number:		237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																					
Project Location		Lea, Co NM		Due Date:																None: NO DI Water: H ₂ O							
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool MeOH: Me							
PO #		Incident ID 51																		HCL: HC HNO ₃ : HN							
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 ₂ SO ₄ : H ₂ NaOH: Na					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		740														H ₃ PO ₄ : HP							
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:																NaHSO ₄ : NABIS							
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		52														Na ₂ S ₂ O ₃ : NaSO ₃							
Total Containers:		124		Corrected Temperature:																Zn Acetate+NaOH: Zn							
																				NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont														Sample Comments	
CS-31		4/16/2024		-		X		-		Comp		1		X X X													
CS-32		4/16/2024		-		X		-		Comp		1		X X X													
CS-33		4/16/2024		-		X		-		Comp		1		X X X													
CS-34		4/16/2024		-		X		-		Comp		1		X X X													
CS-35		4/16/2024		-		X		-		Comp		1		X X X													
CS-36		4/16/2024		-		X		-		Comp		1		X X X													
CS-37		4/16/2024		-		X		-		Comp		1		X X X													
CS-38		4/16/2024		-		X		-		Comp		1		X X X													
CS-39		4/16/2024		-		X		-		Comp		1		X X X													
CS-40		4/16/2024		-		X		-		Comp		1		X X X													

Additional Comments: NMOCID INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	4-17-24/13:15			
3					
5					



Chain of Custody

Work Order No: H242038Page 5 of 13

Page 97 of 101

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program: UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Supe <input type="checkbox"/>	
State of Project:	
Reporting: Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> Ld <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaP <input type="checkbox"/> Other:	

Project Name:	Mesa B 10-13 18-21 Battery		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes	
Project Number:	237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Due Date:		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Parameters</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX 8021B</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH 8015M (GRO + DRO + MRO)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride 4500</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">HOLD</div> </div>										None: NO DI Water: H ₂ O	
Project Location:	Lea, Co NM		TAT starts the day received by the lab, if received by 4:30pm														Cool: Cool MeOH: Me	
Sampler's Name:	Kenny Han																HCL: HC HNO ₃ : HN	
PO #:	Incident ID 51																H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT			Temp Blank:	Yes No	Wet Ice:	(Yes) No												
Received Intact:	Yes No		Thermometer ID:		140													
Cooler Custody Seals:	Yes No N/A		Correction Factor:															
Sample Custody Seals:	Yes No N/A		Temperature Reading:		3.2													
Total Containers:	124		Corrected Temperature:															
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments	
CS-41	4/16/2024	-	X	-	Comp	1	X	X	X									
CS-42	4/16/2024	-	X	-	Comp	1	X	X	X									
CS-43	4/16/2024	-	X	-	Comp	1	X	X	X									
CS-44	4/16/2024	-	X	-	Comp	1	X	X	X									
CS-45	4/16/2024	-	X	-	Comp	1	X	X	X									
CS-46	4/16/2024	-	X	-	Comp	1	X	X	X									
CS-47	4/16/2024	-	X	-	Comp	1	X	X	X									
CS-48	4/16/2024	-	X	-	Comp	1	X	X	X									
CS-49	4/16/2024	-	X	-	Comp	1	X	X	X									
CS-50	4/16/2024	-	X	-	Comp	1	X	X	X									

Additional Comments: NMOCID INCIDENT ID: nAPP2326145212

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Kenny Han	<i>[Signature]</i>	4-17-24/15:15			



Chain of Custody

Work Order No: H242038Page 6 of 13

Page 98 of 101

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Supe <input type="checkbox"/>
State of Project:	
Reporting:	Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:

Project Name:	Mesa B 10-13 18-21 Battery		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes						
Project Number:	237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Due Date:		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Parameters</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX 8021B</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH 8015M (GRO + DRO + MRO)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride 4500</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">HOLD</div> </div>												None: NO DI Water: H ₂ O						
Project Location:	Lea, Co NM		TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool MeOH: Me						
Sampler's Name:	Kenny Han																		HCL: HC HNO ₃ : HN						
PO #:	Incident ID 51																		H ₂ SO ₄ : H ₂ NaOH: Na						
SAMPLE RECEIPT			Temp Blank:	Yes No	Wet Ice:	Yes No													H ₃ PO ₄ : HP						
Received Intact:	Yes No		Thermometer ID:		140														NaHSO ₄ : NABIS						
Cooler Custody Seals:	Yes No N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃						
Sample Custody Seals:	Yes No N/A		Temperature Reading:		3.2														Zn Acetate+NaOH: Zn						
Total Containers:	124		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC						
Sample Identification			Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments				
CS-51			4/16/2024	-	X	-	Comp	1	X	X	X														
CS-52			4/16/2024	-	X	-	Comp	1	X	X	X														
CS-53			4/16/2024	-	X	-	Comp	1	X	X	X														
CS-54			4/16/2024	-	X	-	Comp	1	X	X	X														
CS-55			4/16/2024	-	X	-	Comp	1	X	X	X														
CS-56			4/16/2024	-	X	-	Comp	1	X	X	X														
CS-57			4/16/2024	-	X	-	Comp	1	X	X	X														
CS-58			4/16/2024	-	X	-	Comp	1	X	X	X														
CS-59			4/16/2024	-	X	-	Comp	1	X	X	X														
CS-60			4/16/2024	-	X	-	Comp	1	X	X	X														

Additional Comments: NMOCD INCIDENT ID: nAPP2326145212

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Kenny Han		4-17-24 / 13:15			



Chain of Custody

Work Order No: H242038Page 7 of 13

Page 99 of 101

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program: UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Supe <input type="checkbox"/>	
State of Project:	
Reporting: Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:	Mesa B 10-13 18-21 Battery		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:	237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Due Date:		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Parameters</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX 8021B</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH 8015M (GRO + DRO + MRO)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride 4500</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">HOLD</div> </div>												None: NO DI Water: H ₂ O	
Project Location:	Lea, Co NM		TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool MeOH: Me	
Sampler's Name:	Kenny Han																		HCL: HC HNO ₃ : HN	
PO #:	Incident ID 51																		H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT			Temp Blank: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Wet Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Thermometer ID: <u>140</u>														H ₃ PO ₄ : HP	
Received Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Correction Factor:														NaHSO ₄ : NABIS			
Cooler Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Temperature Reading: <u>3.2</u>														Na ₂ S ₂ O ₃ : NaSO ₃			
Sample Custody Seals:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Corrected Temperature:														Zn Acetate+NaOH: Zn			
Total Containers:	124																NaOH+Ascorbic Acid: SAPC			
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-61	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-62	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-63	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-64	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-65	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-66	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-67	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-68	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-69	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-70	4/16/2024	-	X	-	Comp	1	X	X	X											

Additional Comments: NMOCD INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han <u>[Signature]</u>	<u>[Signature]</u>	4-17-24/13:15			



Chain of Custody

Work Order No: H242038Page 8 of 13

Page 100 of 101

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Supe <input type="checkbox"/>
State of Project:	
Reporting:	Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaP <input type="checkbox"/> Other:

Project Name:	Mesa B 10-13 18-21 Battery		Turn Around		Pres. Code		ANALYSIS REQUEST												Preservative Codes	
Project Number:	237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Due Date:		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Parameters</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX 8021B</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH 8015M (GRO + DRO + MRO)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride 4500</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">HOLD</div> </div>												None: NO DI Water: H ₂ O	
Project Location:	Lea, Co NM		TAT starts the day received by the lab, if received by 4:30pm																Cool: Cool MeOH: Me	
Sampler's Name:	Kenny Han																		HCL: HC HNO ₃ : HN	
PO #:	Incident ID 51																		H ₂ SO ₄ : H ₂ NaOH: Na	
SAMPLE RECEIPT			Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>													H ₃ PO ₄ : HP	
Received Intact:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Thermometer ID:		140														NaHSO ₄ : NABIS	
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Correction Factor:																Na ₂ S ₂ O ₃ : NaSO ₃	
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A		Temperature Reading:		3.2														Zn Acetate+NaOH: Zn	
Total Containers:	124		Corrected Temperature:																NaOH+Ascorbic Acid: SAPC	
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont													Sample Comments	
CS-71	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-72	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-73	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-74	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-75	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-76	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-77	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-78	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-79	4/16/2024	-	X	-	Comp	1	X	X	X											
CS-80	4/16/2024	-	X	-	Comp	1	X	X	X											

Additional Comments: NMOCD INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han		4.17.24/13:15			
3					
5					



Chain of Custody

Work Order No: H242038Page 9 of 13

Page 101 of 101

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program: UST/PS <input type="checkbox"/>	PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/>
State of Project:	
Reporting: Level <input type="checkbox"/>	Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>
Deliverables: EDD <input type="checkbox"/>	ADaP <input type="checkbox"/> Other:

Project Name:		Mesa B 10-13 18-21 Battery		Turn Around		Pres. Code		ANALYSIS REQUEST										Preservative Codes			
Project Number:		237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Due Date:		<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Parameters</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX 8021B</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH 8015M (GRO + DRO + MRO)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride 4500</div> </div>										None: NO		DI Water: H ₂ O	
Project Location:		Lea, Co NM		TAT starts the day received by the lab, if received by 4:30pm		Cool: Cool												MeOH: Me			
Sampler's Name:		Kenny Han				HCL: HC												HNO ₃ : HN			
PO #:		Incident ID 51				H ₂ SO ₄ : H ₂												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"/>		HOLD										H ₃ PO ₄ : HP	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140		NaHSO ₄ : NABIS													
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:				Na ₂ S ₂ O ₃ : NaSO ₃													
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		3.2		Zn Acetate+NaOH: Zn													
Total Containers:		124		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC			
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments			
CS-81		4/16/2024	-	X	-	Comp	1	X	X	X											
CS-82		4/16/2024	-	X	-	Comp	1	X	X	X											
CS-83		4/16/2024	-	X	-	Comp	1	X	X	X											
CS-84		4/16/2024	-	X	-	Comp	1	X	X	X											
CS-85		4/16/2024	-	X	-	Comp	1	X	X	X											
CS-86		4/16/2024	-	X	-	Comp	1	X	X	X											
CS-87		4/16/2024	-	X	-	Comp	1	X	X	X											
CS-88		4/16/2024	-	X	-	Comp	1	X	X	X											
CS-89		4/16/2024	-	X	-	Comp	1	X	X	X											
CS-90		4/16/2024	-	X	-	Comp	1	X	X	X											

Additional Comments: NMOCD INCIDENT ID: nAPP2326145212

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Kenny Han	<i>[Signature]</i>	4/17/24/13:15			



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

April 23, 2024

NICK HART

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESA B 10-13 18-21 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/17/24 13:15.

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

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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS -91 (H242039-01)

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	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 86.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS -92 (H242039-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.07	103	2.00	3.16	
Toluene*	<0.050	0.050	04/19/2024	ND	2.09	105	2.00	2.44	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.03	101	2.00	2.49	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.13	102	6.00	2.31	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 93.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.6 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS -93 (H242039-03)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS -94 (H242039-04)

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	04/19/2024	ND	2.19	109	2.00	0.522		
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117		
Total BTEX	<0.300	0.300	04/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	448	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS -95 (H242039-05)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS -96 (H242039-06)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS -97 (H242039-07)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS -98 (H242039-08)

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	04/19/2024	ND	2.19	109	2.00	0.522		
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117		
Total BTEX	<0.300	0.300	04/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	04/19/2024	ND	464	116	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	04/19/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/19/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS -99 (H242039-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/19/2024	ND	464	116	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	04/19/2024	ND	190	95.2	200	1.17	
DRO >C10-C28*	<10.0	10.0	04/19/2024	ND	207	103	200	0.971	
EXT DRO >C28-C36	<10.0	10.0	04/19/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS -100 (H242039-10)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 101 (H242039-11)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 96.5 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 102 (H242039-12)

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	04/19/2024	ND	2.19	109	2.00	0.522		
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117		
Total BTEX	<0.300	0.300	04/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 103 (H242039-13)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 104 (H242039-14)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: CS - 105 (H242039-15)

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	04/19/2024	ND	2.19	109	2.00	0.522		
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117		
Total BTX	<0.300	0.300	04/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 106 (H242039-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2024	ND	2.19	109	2.00	0.522		
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117		
Total BTEX	<0.300	0.300	04/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 101 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 107 (H242039-17)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: CS - 108 (H242039-18)

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	04/19/2024	ND	2.19	109	2.00	0.522		
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117		
Total BTEX	<0.300	0.300	04/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 113 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 1 (H242039-19)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	04/19/2024	ND	464	116	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 94.1 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 2 (H242039-20)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	0.322	0.150	04/19/2024	ND	6.10	102	6.00	0.117	GC-NC1
Total BTEX	0.322	0.300	04/19/2024	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	192	16.0	04/19/2024	ND	480	120	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*	20.0	10.0	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	3320	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	988	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 3 (H242039-21)

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	04/19/2024	ND	2.19	109	2.00	0.522	
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	112	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	16.6	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	13.7	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 4 (H242039-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2024	ND	2.19	109	2.00	0.522		
Toluene*	<0.050	0.050	04/19/2024	ND	2.13	106	2.00	0.316		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.08	104	2.00	0.197		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.10	102	6.00	0.117		
Total BTEX	<0.300	0.300	04/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	64.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 69.1 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 5 (H242039-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.17	108	2.00	0.176	
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	681	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	530	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 73.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SW - 6 (H242039-24)

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	04/19/2024	ND	2.17	108	2.00	0.176		
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103		
Total BTEX	<0.300	0.300	04/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	112	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	926	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	297	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 7 (H242039-25)

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	04/19/2024	ND	2.17	108	2.00	0.176	
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	48.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 8 (H242039-26)

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	04/19/2024	ND	2.17	108	2.00	0.176	
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	224	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	186	10.0	04/18/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	44.3	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 94.2 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 9 (H242039-27)

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	04/19/2024	ND	2.17	108	2.00	0.176	
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	04/19/2024	ND	480	120	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	04/19/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/19/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/19/2024	ND					

Surrogate: 1-Chlorooctane 106 % 48.2-134

Surrogate: 1-Chlorooctadecane 120 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 10 (H242039-28)

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	04/19/2024	ND	2.17	108	2.00	0.176	
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 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	32.0	16.0	04/19/2024	ND	480	120	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	04/19/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/19/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/19/2024	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 11 (H242039-29)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/19/2024	ND	2.17	108	2.00	0.176	
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/19/2024	ND	480	120	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	04/19/2024	ND	189	94.4	200	0.681	
DRO >C10-C28*	<10.0	10.0	04/19/2024	ND	202	101	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	04/19/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 12 (H242039-30)

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	04/19/2024	ND	2.17	108	2.00	0.176	
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	176	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	195	97.7	200	5.28	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	98.0	200	7.66	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 67.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 13 (H242039-31)

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	04/19/2024	ND	2.17	108	2.00	0.176	
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	04/19/2024	ND	480	120	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	04/18/2024	ND	195	97.7	200	5.28	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	98.0	200	7.66	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 79.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 04/17/2024
Reported: 04/23/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Dionica Hinojos

Sample ID: SW - 14 (H242039-32)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/19/2024	ND	2.17	108	2.00	0.176		
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103		
Total BTEX	<0.300	0.300	04/19/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 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	176	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	195	97.7	200	5.28	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	98.0	200	7.66	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 15 (H242039-33)

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	04/19/2024	ND	2.17	108	2.00	0.176		
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445		
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280		
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103		
Total BTEX	<0.300	0.300	04/19/2024	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	195	97.7	200	5.28	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	98.0	200	7.66	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 91.3 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 04/17/2024
 Reported: 04/23/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 04/16/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Dionica Hinojos

Sample ID: SW - 16 (H242039-34)

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	04/19/2024	ND	2.17	108	2.00	0.176	
Toluene*	<0.050	0.050	04/19/2024	ND	2.11	105	2.00	0.445	
Ethylbenzene*	<0.050	0.050	04/19/2024	ND	2.06	103	2.00	0.280	
Total Xylenes*	<0.150	0.150	04/19/2024	ND	6.05	101	6.00	0.103	
Total BTEX	<0.300	0.300	04/19/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/19/2024	ND	480	120	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	04/18/2024	ND	195	97.7	200	5.28	
DRO >C10-C28*	<10.0	10.0	04/18/2024	ND	196	98.0	200	7.66	
EXT DRO >C28-C36	<10.0	10.0	04/18/2024	ND					

Surrogate: 1-Chlorooctane 86.3 % 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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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.
GC-NC1	8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No: H24 2039Page 10 of 13

Page 37 of 40

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program: UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfield <input type="checkbox"/> RI <input type="checkbox"/> Superfund <input type="checkbox"/>	
State of Project:	
Reporting: Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADAP <input type="checkbox"/> Other:	

Project Name:	Mesa B 10-13 18-21 Battery		Turn Around		Pres. Code	ANALYSIS REQUEST																Preservative Codes			
Project Number:	237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush			Parameters	HOLD BYEX 8021B TPH 8015M (GRO + DRO + MRO) Chloride 4500																None: NO DI Water: H ₂ O		
Project Location:	Lea, Co NM		Due Date:																				Cool: Cool MeOH: Me		
Sampler's Name:	Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																				HCL: HC HNO ₃ : HN		
PO #:	Incident ID 51				H ₂ SO ₄ : H ₂ 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"/>	Thermometer ID:																	H ₃ PO ₄ : HP		
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Correction Factor:		NaHSO ₄ : NABIS																					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Temperature Reading:		Na ₂ S ₂ O ₃ : NaSO ₃																					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Corrected Temperature:		Zn Acetate+NaOH: Zn																					
Total Containers:	124																						NaOH+Ascorbic Acid: SAPC		
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont																	Sample Comments	
CS-91		4/16/2024	-	X	-	Comp	1	X	X	X															
CS-92		4/16/2024	-	X	-	Comp	1	X	X	X															
CS-93		4/16/2024	-	X	-	Comp	1	X	X	X															
CS-94		4/16/2024	-	X	-	Comp	1	X	X	X															
CS-95		4/16/2024	-	X	-	Comp	1	X	X	X															
CS-96		4/16/2024	-	X	-	Comp	1	X	X	X															
CS-97		4/16/2024	-	X	-	Comp	1	X	X	X															
CS-98		4/16/2024	-	X	-	Comp	1	X	X	X															
CS-99		4/16/2024	-	X	-	Comp	1	X	X	X															
CS-100		4/16/2024	-	X	-	Comp	1	X	X	X															

Additional Comments: NMOCD INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	4-17-24/13:15			
3					
5					



Chain of Custody

Work Order No: H242039Page 11 of 13

Page 38 of 40

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beard
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program: UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Super <input type="checkbox"/>	
State of Project:	
Reporting: Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> Le <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaP <input type="checkbox"/> Other:	

Project Name:		Mesa B 10-13 18-21 Battery		Turn Around				ANALYSIS REQUEST																Preservative Codes							
Project Number:		237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location:		Lea, Co NM		Due Date:																				Cool: Cool MeOH: Me							
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																				HCL: HC HNO ₃ : HN							
PO #:		Incident ID 51																						H ₂ SO ₄ : H ₂ 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 ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140																		NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:		-																		Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		32																		Zn Acetate+NaOH: Zn							
Total Containers:		124		Corrected Temperature:		-																		NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
CS-101		4/16/2024		-		X		-		Comp		1		X X X																	
CS-102		4/16/2024		-		X		-		Comp		1		X X X																	
CS-103		4/16/2024		-		X		-		Comp		1		X X X																	
CS-104		4/16/2024		-		X		-		Comp		1		X X X																	
CS-105		4/16/2024		-		X		-		Comp		1		X X X																	
CS-106		4/16/2024		-		X		-		Comp		1		X X X																	
CS-107		4/16/2024		-		X		-		Comp		1		X X X																	
CS-108		4/16/2024		-		X		-		Comp		1		X X X																	
SW-1		4/16/2024		-		X		-		Comp		1		X X X																	
SW-2		4/16/2024		-		X		-		Comp		1		X X X																	

Additional Comments: NMOCD INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	4-17-24/13:15			



Chain of Custody

Work Order No: H240039Page 12 of 13

Page 39 of 40

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Supe <input type="checkbox"/>
State of Project:	
Reporting Level:	Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaP <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Mesa B 10-13 18-21 Battery		Turn Around				ANALYSIS REQUEST																Preservative Codes							
Project Number:		237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code																		None: NO DI Water: H ₂ O							
Project Location:		Lea, Co NM		Due Date:																				Cool: Cool MeOH: Me							
Sampler's Name:		Kenny Han		TAT starts the day received by the lab, if received by 4:30pm																				HCL: HC HNO ₃ : HN							
PO #:		Incident ID 51																						H ₂ SO ₄ : H ₂ NaOH: Na							
SAMPLE RECEIPT		Temp Blank:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Wet Ice:		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>																		H ₃ PO ₄ : HP					
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140																		NaHSO ₄ : NABIS							
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:		-																		Na ₂ S ₂ O ₃ : NaSO ₃							
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		32																		Zn Acetate+NaOH: Zn							
Total Containers:		124		Corrected Temperature:																				NaOH+Ascorbic Acid: SAPC							
Sample Identification		Date		Time		Soil		Water		Grab/Comp		# of Cont																		Sample Comments	
SW-3		4/16/2024		-		X		-		Comp		1		X X X																	
SW-4		4/16/2024		-		X		-		Comp		1		X X X																	
SW-5		4/16/2024		-		X		-		Comp		1		X X X																	
SW-6		4/16/2024		-		X		-		Comp		1		X X X																	
SW-7		4/16/2024		-		X		-		Comp		1		X X X																	
SW-8		4/16/2024		-		X		-		Comp		1		X X X																	
SW-9		4/16/2024		-		X		-		Comp		1		X X X																	
SW-10		4/16/2024		-		X		-		Comp		1		X X X																	
SW-11		4/16/2024		-		X		-		Comp		1		X X X																	
SW-12		4/16/2024		-		X		-		Comp		1		X X X																	

Additional Comments: NMOCD INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han	<i>[Signature]</i>	4-17-24 / 13:15			



Chain of Custody

Work Order No: H242039Page 13 of 13

Page 40 of 40

Project Manager:	Nick Hart	Bill to: (if different)	Kelton Beaird
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program: UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> R <input type="checkbox"/> Supe <input type="checkbox"/>	
State of Project:	
Reporting: Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> L <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:	Mesa B 10-13 18-21 Battery		Turn Around				ANALYSIS REQUEST										Preservative Codes					
Project Number:	237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code												None: NO DI Water: H ₂ O					
Project Location:	Lea, Co NM		Due Date:														Cool: Cool MeOH: Me					
Sampler's Name:	Kenny Han		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN					
PO #:	Incident ID 51																H ₂ SO ₄ : H ₂ 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 ₃ PO ₄ : HP					
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140												NaHSO ₄ : NABIS					
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:														Na ₂ S ₂ O ₃ : NaSO ₃					
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		3.2												Zn Acetate+NaOH: Zn					
Total Containers:	124		Corrected Temperature:														NaOH+Ascorbic Acid: SAPC					
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments				
SW-13		4/16/2024	-	X	-	Comp	1	X	X	X												
SW-14		4/16/2024	-	X	-	Comp	1	X	X	X												
SW-15		4/16/2024	-	X	-	Comp	1	X	X	X												
SW-16		4/16/2024	-	X	-	Comp	1	X	X	X												

Additional Comments: NMOCD INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Kenny Han		4-17-24/13:15			
3					
5					



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

May 28, 2024

NICK HART

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESA B 10-13 18-21 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/21/24 14:31.

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

Cardinal Laboratories is 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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 9 A (3.5') (H242805-01)

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	05/22/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/22/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/22/2024	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	05/21/2024	ND	209	105	200	2.07	
DRO >C10-C28*	<10.0	10.0	05/21/2024	ND	221	111	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					

Surrogate: 1-Chlorooctane 68.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 05/21/2024
Reported: 05/28/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 13 A (3.5') (H242805-02)

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	05/22/2024	ND	1.96	98.2	2.00	0.723		
Toluene*	<0.050	0.050	05/22/2024	ND	1.94	96.8	2.00	1.36		
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	1.96	97.9	2.00	1.70		
Total Xylenes*	<0.150	0.150	05/22/2024	ND	5.62	93.7	6.00	1.93		
Total BTEX	<0.300	0.300	05/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/22/2024	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	05/21/2024	ND	209	105	200	2.07	
DRO >C10-C28*	<10.0	10.0	05/21/2024	ND	221	111	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 17 A (3.5') (H242805-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/22/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/22/2024	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	05/21/2024	ND	209	105	200	2.07	
DRO >C10-C28*	<10.0	10.0	05/21/2024	ND	221	111	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					

Surrogate: 1-Chlorooctane 90.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.1 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 32 A (3.5') (H242805-04)

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	05/22/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/22/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/22/2024	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	05/21/2024	ND	209	105	200	2.07	
DRO >C10-C28*	18.6	10.0	05/21/2024	ND	221	111	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					

Surrogate: 1-Chlorooctane 72.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 53 A (2.5') (H242805-05)

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	05/22/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/22/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/22/2024	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	05/22/2024	ND	209	105	200	2.07	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	221	111	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 82.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 56 A (2.5') (H242805-06)

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	05/22/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/22/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/22/2024	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	05/22/2024	ND	209	105	200	2.07	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	221	111	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 61 A (2.5') (H242805-07)

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	05/22/2024	ND	1.96	98.2	2.00	0.723		
Toluene*	<0.050	0.050	05/22/2024	ND	1.94	96.8	2.00	1.36		
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	1.96	97.9	2.00	1.70		
Total Xylenes*	<0.150	0.150	05/22/2024	ND	5.62	93.7	6.00	1.93		
Total BTEX	<0.300	0.300	05/22/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/22/2024	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	05/22/2024	ND	209	105	200	2.07	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	221	111	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 96.7 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 69 A (2.5') (H242805-08)

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	05/23/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/22/2024	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	05/22/2024	ND	209	105	200	2.07	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	221	111	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 91.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 72 A (2.5') (H242805-09)

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	05/23/2024	ND	1.96	98.2	2.00	0.723		
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93		
Total BTEX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 71.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 70.5 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 109 (2.5') (H242805-10)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	0.723		
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93		
Total BTEX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	236	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	52.6	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 79.4 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 110 (2.5') (H242805-11)

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	05/23/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	143	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	83.8	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 72.0 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 05/21/2024
Reported: 05/28/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/20/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: CS - 111 (2.5') (H242805-12)

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	05/23/2024	ND	1.96	98.2	2.00	0.723		
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93		
Total BTEX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	28.4	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	10.5	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.1 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 112 (2.5') (H242805-13)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 87.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.8 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: CS - 113 (2.5') (H242805-14)

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	05/23/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.5 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 05/21/2024
Reported: 05/28/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/20/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW - 5 A (0-2.5') (H242805-15)

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	05/23/2024	ND	1.96	98.2	2.00	0.723		
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93		
Total BTEX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	115	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	16.9	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 79.7 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 17 (1.5'-2.5') (H242805-16)

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	05/23/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 18 (1.5'-2.5') (H242805-17)

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	05/23/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 19 (1.5'-2.5') (H242805-18)

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	05/23/2024	ND	1.96	98.2	2.00	0.723	
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.1 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 05/21/2024
Reported: 05/28/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW - 20 (1.5'-2.5') (H242805-19)

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	05/23/2024	ND	1.96	98.2	2.00	0.723		
Toluene*	<0.050	0.050	05/23/2024	ND	1.94	96.8	2.00	1.36		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	1.96	97.9	2.00	1.70		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	5.62	93.7	6.00	1.93		
Total BTEX	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 76.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 05/21/2024
Reported: 05/28/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW - 21 (1.5'-2.5') (H242805-20)

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	05/22/2024	ND	2.05	103	2.00	6.49	
Toluene*	<0.050	0.050	05/22/2024	ND	2.13	107	2.00	6.69	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	2.08	104	2.00	6.67	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	6.46	108	6.00	5.96	
Total BTEX	<0.300	0.300	05/22/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.7 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 22 (2.5'-3.5') (H242805-21)

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	05/22/2024	ND	2.05	103	2.00	6.49	
Toluene*	<0.050	0.050	05/22/2024	ND	2.13	107	2.00	6.69	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	2.08	104	2.00	6.67	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	6.46	108	6.00	5.96	
Total BTEX	<0.300	0.300	05/22/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 85.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 23 (1.5'-3.5') (H242805-22)

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	05/22/2024	ND	2.05	103	2.00	6.49	
Toluene*	<0.050	0.050	05/22/2024	ND	2.13	107	2.00	6.69	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	2.08	104	2.00	6.67	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	6.46	108	6.00	5.96	
Total BTEX	<0.300	0.300	05/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 77.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 05/21/2024
Reported: 05/28/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW - 24 (0-3.5') (H242805-23)

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	05/22/2024	ND	2.05	103	2.00	6.49	
Toluene*	<0.050	0.050	05/22/2024	ND	2.13	107	2.00	6.69	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	2.08	104	2.00	6.67	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	6.46	108	6.00	5.96	
Total BTEX	<0.300	0.300	05/22/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 78.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 25 (0-3.5') (H242805-24)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/22/2024	ND	2.05	103	2.00	6.49	
Toluene*	<0.050	0.050	05/22/2024	ND	2.13	107	2.00	6.69	
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	2.08	104	2.00	6.67	
Total Xylenes*	<0.150	0.150	05/22/2024	ND	6.46	108	6.00	5.96	
Total BTEX	<0.300	0.300	05/22/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 82.6 % 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
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 05/21/2024
Reported: 05/28/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW - 26 (2.5'-3.5') (H242805-25)

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	05/23/2024	ND	2.05	103	2.00	6.49		
Toluene*	<0.050	0.050	05/23/2024	ND	2.13	107	2.00	6.69		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.67		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.46	108	6.00	5.96		
Total BTEx	<0.300	0.300	05/23/2024	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 83.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.2 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 27 (2.5'-3.5') (H242805-26)

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	05/23/2024	ND	2.05	103	2.00	6.49	
Toluene*	<0.050	0.050	05/23/2024	ND	2.13	107	2.00	6.69	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.67	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.46	108	6.00	5.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	119	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	26.6	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 88.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 05/21/2024
Reported: 05/28/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/20/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: SW - 28 (2.5'-3.5') (H242805-27)

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	05/23/2024	ND	2.05	103	2.00	6.49		
Toluene*	<0.050	0.050	05/23/2024	ND	2.13	107	2.00	6.69		
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.67		
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.46	108	6.00	5.96		
Total BTEx	<0.300	0.300	05/23/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	70.3	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	19.3	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 77.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 29 (2.5'-3.5') (H242805-28)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.05	103	2.00	6.49	
Toluene*	<0.050	0.050	05/23/2024	ND	2.13	107	2.00	6.69	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.67	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.46	108	6.00	5.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/22/2024	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	05/22/2024	ND	197	98.7	200	0.143	
DRO >C10-C28*	24.7	10.0	05/22/2024	ND	206	103	200	2.82	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 83.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.4 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 30 (0-3.5') (H242805-29)

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	05/23/2024	ND	2.05	103	2.00	6.49	
Toluene*	<0.050	0.050	05/23/2024	ND	2.13	107	2.00	6.69	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.67	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.46	108	6.00	5.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/22/2024	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	05/22/2024	ND	207	104	200	0.0391	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.2 % 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
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 31 (2.5'-3.5') (H242805-30)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.05	103	2.00	6.49	
Toluene*	<0.050	0.050	05/23/2024	ND	2.13	107	2.00	6.69	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.67	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.46	108	6.00	5.96	
Total BTX	<0.300	0.300	05/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/22/2024	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	05/22/2024	ND	207	104	200	0.0391	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 77.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 32 (0-3.5') (H242805-31)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.05	103	2.00	6.49	
Toluene*	<0.050	0.050	05/23/2024	ND	2.13	107	2.00	6.69	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.67	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.46	108	6.00	5.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/22/2024	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	05/22/2024	ND	207	104	200	0.0391	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 76.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.1 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

NTG ENVIRONMENTAL
 NICK HART
 701 TRADEWINDS BLVD. SUITE C
 MIDLAND TX, 79706
 Fax To:

Received: 05/21/2024
 Reported: 05/28/2024
 Project Name: MESA B 10-13 18-21 BATTERY
 Project Number: 237886
 Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/20/2024
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Alyssa Parras

Sample ID: SW - 33 (0-2.5') (H242805-32)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/23/2024	ND	2.05	103	2.00	6.49	
Toluene*	<0.050	0.050	05/23/2024	ND	2.13	107	2.00	6.69	
Ethylbenzene*	<0.050	0.050	05/23/2024	ND	2.08	104	2.00	6.67	
Total Xylenes*	<0.150	0.150	05/23/2024	ND	6.46	108	6.00	5.96	
Total BTEX	<0.300	0.300	05/23/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CT					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/22/2024	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	05/22/2024	ND	207	104	200	0.0391	
DRO >C10-C28*	<10.0	10.0	05/22/2024	ND	208	104	200	1.10	
EXT DRO >C28-C36	<10.0	10.0	05/22/2024	ND					

Surrogate: 1-Chlorooctane 77.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.6 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-05	The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
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.
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: 242805

Page ____ of ____

Page 35 of 38

Project Manager:	Nick Hart	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PRF <input type="checkbox"/> Brownfield <input type="checkbox"/> RR <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting:	Level <input type="checkbox"/> Level II <input type="checkbox"/> PST/US <input type="checkbox"/> TRR <input type="checkbox"/> Level <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Mesa B 10-13 18-21 Battery		Turn Around		ANALYSIS REQUEST										Preservative Codes						
Project Number:		237886		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush		Pres. Code												None: NO DI Water: H ₂ O				
Project Location:		Lea, Co NM		Due Date:														Cool: Cool MeOH: Me				
Sampler's Name:		Tyler Kimball		TAT starts the day received by the lab, if received by 4:30pm														HCL: HC HNO ₃ : HN				
PO #:		Incident ID 51																H ₂ SO ₄ : H ₂ 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 ₃ PO ₄ : HP		
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140												NaHSO ₄ : NABIS				
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:		-												Na ₂ S ₂ O ₃ : NaSO ₃				
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		5.5												Zn Acetate+NaOH: Zn				
Total Containers:		124		Corrected Temperature:		-												NaOH+Ascorbic Acid: SAPC				
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments				
CS-9A (3.5')		5/21/2024	-	X	-	Comp	1	X	X	X												
CS-13A (3.5')		5/21/2024	-	X	-	Comp	1	X	X	X												
CS-17A (3.5')		5/21/2024	-	X	-	Comp	1	X	X	X												
CS-32A (3.5')		5/20/2024	-	X	-	Comp	1	X	X	X												
CS-53A (2.5')		5/21/2024	-	X	-	Comp	1	X	X	X												
CS-56A (2.5')		5/21/2024	-	X	-	Comp	1	X	X	X												
CS-61A (2.5')		5/21/2024	-	X	-	Comp	1	X	X	X												
CS-69A (2.5')		5/21/2024	-	X	-	Comp	1	X	X	X												
CS-72A (2.5')		5/21/2024	-	X	-	Comp	1	X	X	X												
CS-109 (2.5')		5/20/2024	-	X	-	Comp	1	X	X	X												

Additional Comments: NMOCD INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5/21/24 1431			

Revised Date 05/01/2020 Rev. 2020.1



Chain of Custody

Work Order No: 242805

Page ____ of ____

Page 36 of 38

Project Manager:	Nick Hart	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PRF <input type="checkbox"/> Brownfield <input type="checkbox"/> RR <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level:	Level I <input type="checkbox"/> Level II <input type="checkbox"/> PST/US <input type="checkbox"/> TRR <input type="checkbox"/> Level <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other: <input type="checkbox"/>

Project Name:		Turn Around		ANALYSIS REQUEST										Preservative Codes					
Mesa B 10-13 18-21 Battery		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush												None: NO DI Water: H ₂ O					
Project Number: 237886		Due Date:												Cool: Cool MeOH: Me					
Project Location: Lea, Co NM		TAT starts the day received by the lab, if received by 4:30pm												HCL: HC HNO ₃ : HN					
Sampler's Name: Tyler Kimball														H ₂ SO ₄ : H ₂ NaOH: Na					
PO #: Incident ID 51														H ₃ PO ₄ : HP					
SAMPLE RECEIPT		Temp Blank:		Wet Ice:		Parameters		HOLD										Sample Comments	
Received Intact:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID:		140													
Cooler Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Correction Factor:															
Sample Custody Seals:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A		Temperature Reading:		55													
Total Containers:		124		Corrected Temperature:															
Sample Identification		Date	Time	Soil	Water	Grab/Comp	# of Cont												
CS-110 (2.5')		5/20/2024	-	X	-	Comp	1	X	X	X									
CS-111 (2.5')		5/20/2024	-	X	-	Comp	1	X	X	X									
CS-112 (2.5')		5/20/2024	-	X	-	Comp	1	X	X	X									
CS-113 (2.5')		5/20/2024	-	X	-	Comp	1	X	X	X									
SW-5A (0-2.5')		5/20/2024	-	X	-	Comp	1	X	X	X									
SW-17 (1.5'-2.5')		5/21/2024	-	X	-	Comp	1	X	X	X									
SW-18 (1.5'-2.5')		5/21/2024	-	X	-	Comp	1	X	X	X									
SW-19 (1.5'-2.5')		5/21/2024	-	X	-	Comp	1	X	X	X									
SW-20 (1.5'-2.5')		5/21/2024	-	X	-	Comp	1	X	X	X									
SW-21 (1.5'-2.5')		5/21/2024	-	X	-	Comp	1	X	X	X									

Additional Comments:

NMOC INCIDENT ID: nAPP2326145212

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<i>[Signature]</i>	<i>[Signature]</i>	5-24-24 1431			

Xenco D-1 25C 7-11 ev. 2020.1



Chain of Custody

Work Order No: 242805

Page ____ of ____

Page 37 of 38

Project Manager:	Nick Hart	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program:	UST/PS <input type="checkbox"/> PRP <input type="checkbox"/> Brownfield <input type="checkbox"/> RR <input type="checkbox"/> Superfund <input type="checkbox"/>
State of Project:	
Reporting Level:	Level I <input type="checkbox"/> Level II <input type="checkbox"/> PST/US <input type="checkbox"/> TRR <input type="checkbox"/> Level <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:	237886	<input checked="" type="checkbox"/> Routine	<input type="checkbox"/> Rush	Pres. Code													None: NO	DI Water: H ₂ O												
Project Location:	Lea, Co NM	Due Date:		Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500	HOLD									Cool: Cool	MeOH: Me												
Sampler's Name:	Tyler Kimball	TAT starts the day received by the lab, if received by 4:30pm															HCL: HC	HNO ₃ : HN												
PO #:	Incident ID 51																H ₂ SO ₄ : H ₂	NaOH: Na												
SAMPLE RECEIPT		Temp Blank:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>														Wet Ice:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>												H ₃ PO ₄ : HP
Received Intact:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Thermometer ID:	140																											NaHSO ₄ : NABIS
Cooler Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Correction Factor:	-														Na ₂ S ₂ O ₃ : NaSO ₃													
Sample Custody Seals:	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	Temperature Reading:	5.5														Zn Acetate+NaOH: Zn													
Total Containers:	124	Corrected Temperature:															NaOH+Ascorbic Acid: SAPC													
Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont											Sample Comments													
SW-22 (2.5'-3.5')	5/21/2024	-	X	-	Comp	1	X	X	X																					
SW-23 (1.5'-3.5')	5/21/2024	-	X	-	Comp	1	X	X	X																					
SW-24 (0-3.5')	5/21/2024	-	X	-	Comp	1	X	X	X																					
SW-25 (0-3.5')	5/21/2024	-	X	-	Comp	1	X	X	X																					
SW-26 (2.5'-3.5')	5/21/2024	-	X	-	Comp	1	X	X	X																					
SW-27 (2.5'-3.5')	5/20/2024	-	X	-	Comp	1	X	X	X																					
SW-28 (2.5'-3.5')	5/20/2024	-	X	-	Comp	1	X	X	X																					
SW-29 (2.5'-3.5')	5/21/2024	-	X	-	Comp	1	X	X	X																					
SW-30 (0-3.5')	5/21/2024	-	X	-	Comp	1	X	X	X																					
SW-31 (2.5'-3.5')	5/21/2024	-	X	-	Comp	1	X	X	X																					

Additional Comments:

NMOCD INCIDENT ID: nAPP2326145212

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Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5-21-24 1431			

Revised Date 05/12/2020 Rev. 2020.1



Chain of Custody

Work Order No: 242805

Page _____ of _____

Project Manager:	Nick Hart	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com , bhaskell@ntglobal.com



Work Order Comments				
Program:	UST/PS <input type="checkbox"/>	PRF <input type="checkbox"/>	Brownfield <input type="checkbox"/>	RR <input type="checkbox"/> Superf <input type="checkbox"/>
State of Project:				
Reporting:	Level <input type="checkbox"/>	Level II <input type="checkbox"/>	PST/US <input type="checkbox"/>	TRR <input type="checkbox"/> Level <input type="checkbox"/>
Deliverables:	EDD <input type="checkbox"/>	ADApt <input type="checkbox"/>	Other:	

[illegible]

Additional Comments:

NMOCID INCIDENT ID: nAPP2326145212

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.

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 charged if the sample is not analyzed.					
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
		5/21/21 1431	2		
			4		
			6		

Revised Date 05/	000 9e/	100
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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

May 28, 2024

NICK HART

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESA B 10-13 18-21 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 05/21/24 14:40.

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

Cardinal Laboratories is 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
NICK HART
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706
Fax To:

Received: 05/21/2024
Reported: 05/28/2024
Project Name: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Location: BTA - LEA COUNTY, NM

Sampling Date: 05/21/2024
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Alyssa Parras

Sample ID: DH - 2 (H242804-01)

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	05/22/2024	ND	1.96	98.2	2.00	0.723	QR-03
Toluene*	<0.050	0.050	05/22/2024	ND	1.94	96.8	2.00	1.36	QR-03
Ethylbenzene*	<0.050	0.050	05/22/2024	ND	1.96	97.9	2.00	1.70	QR-03
Total Xylenes*	<0.150	0.150	05/22/2024	ND	5.62	93.7	6.00	1.93	QR-03
Total BTEX	<0.300	0.300	05/22/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 71.5-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/22/2024	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	05/21/2024	ND	209	105	200	2.07	
DRO >C10-C28*	<10.0	10.0	05/21/2024	ND	221	111	200	1.99	
EXT DRO >C28-C36	<10.0	10.0	05/21/2024	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- S-05 The surrogate recovery is outside of lab established statistical control limits but still within method limits. Data is not adversely affected.
- 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.
- 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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*=Accredited Analyte

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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 AND ANALYSIS REQUEST

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

Company Name: NICE				BILL TO				ANALYSIS REQUEST																			
Project Manager: Nick Hart				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: 701 Trade Winds Blvd				Company: BTA Oil																							
City: Midland State: TX Zip: 79701				Attn: Ray Ramos																							
Phone #: 432-444-3047 Fax #:				Address:																							
Project #: 237886 Project Owner: BTA				City:																							
Project Name: Mesa B 10-13 18-21 Battery				State: Zip:																							
Project Location: Lea County				Phone #:																							
Sampler Name: Cyle Keene				Fax #:																							
FOR LAB USE ONLY		Lab I.D. H242804		Sample I.D. DH-2		# CONTAINERS 6		MATRIX		PRESERV.		SAMPLING															
								GROUNDWATER		ACID/BASE: <input checked="" type="checkbox"/>		DATE		TIME													
								WASTEWATER		ICE / COOL		5-21		9:00													
								SOIL		OTHER:																	
								OIL																			
								SLUDGE																			
								OTHER:																			

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Relinquished By:		Date: 5-21-24		Received By: apenas		Verbal Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Time: 2:40		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		Sample Condition		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		Corrected Temp. °C 5.5		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		AP	
				Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No			
				Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		Bacteria (only) Sample Condition	
				Thermometer ID #140		Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	
				Correction Factor 0°C		Observed Temp. °C	
						Corrected Temp. °C	

FORM-000-R 3-4 07/11/23

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

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

June 14, 2024

NICK HART

NTG ENVIRONMENTAL

701 TRADEWINDS BLVD. SUITE C

MIDLAND, TX 79706

RE: MESA B 10-13 18-21 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 06/06/24 14:35.

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

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

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

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

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

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

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Manager: NICK HART
Fax To:

Reported:
14-Jun-24 11:36

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
CS - 109A (3.5')	H243248-01	Soil	06-Jun-24 00:00	06-Jun-24 14:35
CS - 110A (3.5')	H243248-02	Soil	06-Jun-24 00:00	06-Jun-24 14:35
SW - 5B (0-2.5')	H243248-03	Soil	06-Jun-24 00:00	06-Jun-24 14:35
SW - 34 (2.5'-3.5')	H243248-04	Soil	06-Jun-24 00:00	06-Jun-24 14:35
SW - 27A (2.5'-3.5')	H243248-05	Soil	06-Jun-24 00:00	06-Jun-24 14:35

06/14/24 - Client changed the sample ID on -04 (see COC). This is the revised report and will replace the one sent on 06/12/24.

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Manager: NICK HART
Fax To:

Reported:
14-Jun-24 11:36

CS - 109A (3.5')
H243248-01 (Soil)

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

Chloride	32.0		16.0	mg/kg	4	4061034	AC	10-Jun-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4060730	JH	07-Jun-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			109 %	71.5-134		4060730	JH	07-Jun-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4060711	MS	10-Jun-24	8015B	
DRO >C10-C28*	34.6		10.0	mg/kg	1	4060711	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060711	MS	10-Jun-24	8015B	

Surrogate: 1-Chlorooctane			111 %	48.2-134		4060711	MS	10-Jun-24	8015B	
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Surrogate: 1-Chlorooctadecane			119 %	49.1-148		4060711	MS	10-Jun-24	8015B	
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Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence or any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Manager: NICK HART
Fax To:

Reported:
14-Jun-24 11:36

CS - 110A (3.5')**H243248-02 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4061034	AC	10-Jun-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4060730	JH	07-Jun-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			116 %	71.5-134		4060730	JH	07-Jun-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4060711	MS	10-Jun-24	8015B	
DRO >C10-C28*	13.2		10.0	mg/kg	1	4060711	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060711	MS	10-Jun-24	8015B	

Surrogate: 1-Chlorooctane			122 %	48.2-134		4060711	MS	10-Jun-24	8015B	
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Surrogate: 1-Chlorooctadecane			125 %	49.1-148		4060711	MS	10-Jun-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Manager: NICK HART
Fax To:

Reported:
14-Jun-24 11:36

SW - 5B (0-2.5')**H243248-03 (Soil)**

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

Chloride	16.0		16.0	mg/kg	4	4061034	AC	10-Jun-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4060730	JH	07-Jun-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			115 %	71.5-134		4060730	JH	07-Jun-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4060711	MS	10-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060711	MS	10-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060711	MS	10-Jun-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			101 %	48.2-134		4060711	MS	10-Jun-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			106 %	49.1-148		4060711	MS	10-Jun-24	8015B	
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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
701 TRADEWINDS BLVD. SUITE C
MIDLAND TX, 79706

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Manager: NICK HART
Fax To:

Reported:
14-Jun-24 11:36

SW - 34 (2.5'-3.5')**H243248-04 (Soil)**

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

Chloride	32.0		16.0	mg/kg	4	4061034	AC	10-Jun-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4060730	JH	07-Jun-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			121 %		71.5-134	4060730	JH	07-Jun-24	8021B	
--	--	--	-------	--	----------	---------	----	-----------	-------	--

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4060712	MS	07-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060712	MS	07-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060712	MS	07-Jun-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			105 %		48.2-134	4060712	MS	07-Jun-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			103 %		49.1-148	4060712	MS	07-Jun-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Manager: NICK HART
Fax To:

Reported:
14-Jun-24 11:36

SW - 27A (2.5'-3.5')**H243248-05 (Soil)**

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

Chloride	48.0		16.0	mg/kg	4	4061034	AC	10-Jun-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4060730	JH	07-Jun-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4060730	JH	07-Jun-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			110 %	71.5-134		4060730	JH	07-Jun-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4060712	MS	07-Jun-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4060712	MS	07-Jun-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4060712	MS	07-Jun-24	8015B	

Surrogate: 1-Chlorooctane			105 %	48.2-134		4060712	MS	07-Jun-24	8015B	
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Surrogate: 1-Chlorooctadecane			103 %	49.1-148		4060712	MS	07-Jun-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Manager: NICK HART
Fax To:

Reported:
14-Jun-24 11:36

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
Batch 4061034 - 1:4 DI Water									
Blank (4061034-BLK1)					Prepared & Analyzed: 10-Jun-24				
Chloride	ND	16.0	mg/kg						
LCS (4061034-BS1)					Prepared & Analyzed: 10-Jun-24				
Chloride	416	16.0	mg/kg	400	104	80-120			
LCS Dup (4061034-BSD1)					Prepared & Analyzed: 10-Jun-24				
Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20	

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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Manager: NICK HART
Fax To:

Reported:
14-Jun-24 11:36

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

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4060730 - Volatiles**Blank (4060730-BLK1)**

Prepared & Analyzed: 07-Jun-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0527		mg/kg	0.0500		105	71.5-134			

LCS (4060730-BS1)

Prepared & Analyzed: 07-Jun-24

Benzene	1.87	0.050	mg/kg	2.00		93.7	82.8-130			
Toluene	1.77	0.050	mg/kg	2.00		88.3	86-128			
Ethylbenzene	1.77	0.050	mg/kg	2.00		88.4	85.9-128			
m,p-Xylene	3.52	0.100	mg/kg	4.00		88.0	89-129			BS-3
o-Xylene	1.77	0.050	mg/kg	2.00		88.4	86.1-125			
Total Xylenes	5.29	0.150	mg/kg	6.00		88.1	88.2-128			BS-3
Surrogate: 4-Bromofluorobenzene (PID)	0.0475		mg/kg	0.0500		94.9	71.5-134			

LCS Dup (4060730-BSD1)

Prepared & Analyzed: 07-Jun-24

Benzene	1.94	0.050	mg/kg	2.00		96.9	82.8-130	3.34	15.8	
Toluene	1.81	0.050	mg/kg	2.00		90.5	86-128	2.49	15.9	
Ethylbenzene	1.82	0.050	mg/kg	2.00		90.9	85.9-128	2.80	16	
m,p-Xylene	3.61	0.100	mg/kg	4.00		90.3	89-129	2.58	16.2	
o-Xylene	1.82	0.050	mg/kg	2.00		91.1	86.1-125	2.99	16.7	
Total Xylenes	5.43	0.150	mg/kg	6.00		90.6	88.2-128	2.72	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0480		mg/kg	0.0500		96.0	71.5-134			

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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Manager: NICK HART
Fax To:

Reported:
14-Jun-24 11:36

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4060711 - General Prep - Organics**Blank (4060711-BLK1)**

Prepared & Analyzed: 07-Jun-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	46.8		mg/kg	50.0		93.6	48.2-134			
Surrogate: 1-Chlorooctadecane	48.8		mg/kg	50.0		97.6	49.1-148			

LCS (4060711-BS1)

Prepared: 07-Jun-24 Analyzed: 10-Jun-24

GRO C6-C10	190	10.0	mg/kg	200		94.9	66.4-123			
DRO >C10-C28	190	10.0	mg/kg	200		95.1	66.5-118			
Total TPH C6-C28	380	10.0	mg/kg	400		95.0	77.6-123			
Surrogate: 1-Chlorooctane	61.9		mg/kg	50.0		124	48.2-134			
Surrogate: 1-Chlorooctadecane	65.0		mg/kg	50.0		130	49.1-148			

LCS Dup (4060711-BS1)

Prepared & Analyzed: 07-Jun-24

GRO C6-C10	193	10.0	mg/kg	200		96.6	66.4-123	1.83	17.7	
DRO >C10-C28	199	10.0	mg/kg	200		99.3	66.5-118	4.31	21	
Total TPH C6-C28	392	10.0	mg/kg	400		98.0	77.6-123	3.08	18.5	
Surrogate: 1-Chlorooctane	56.1		mg/kg	50.0		112	48.2-134			
Surrogate: 1-Chlorooctadecane	57.5		mg/kg	50.0		115	49.1-148			

Batch 4060712 - General Prep - Organics**Blank (4060712-BLK1)**

Prepared & Analyzed: 07-Jun-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	50.4		mg/kg	50.0		101	48.2-134			
Surrogate: 1-Chlorooctadecane	47.9		mg/kg	50.0		95.8	49.1-148			

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Analytical Results For:

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

Project: MESA B 10-13 18-21 BATTERY
Project Number: 237886
Project Manager: NICK HART
Fax To:

Reported:
14-Jun-24 11:36

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4060712 - General Prep - Organics**LCS (4060712-BS1)**

Prepared & Analyzed: 07-Jun-24

GRO C6-C10	199	10.0	mg/kg	200		99.7	66.4-123			
DRO >C10-C28	192	10.0	mg/kg	200		95.8	66.5-118			
Total TPH C6-C28	391	10.0	mg/kg	400		97.7	77.6-123			
Surrogate: 1-Chlorooctane	49.7		mg/kg	50.0		99.3	48.2-134			
Surrogate: 1-Chlorooctadecane	50.4		mg/kg	50.0		101	49.1-148			

LCS Dup (4060712-BS1)

Prepared & Analyzed: 07-Jun-24

GRO C6-C10	202	10.0	mg/kg	200		101	66.4-123	1.14	17.7	
DRO >C10-C28	197	10.0	mg/kg	200		98.5	66.5-118	2.81	21	
Total TPH C6-C28	399	10.0	mg/kg	400		99.7	77.6-123	1.97	18.5	
Surrogate: 1-Chlorooctane	58.3		mg/kg	50.0		117	48.2-134			
Surrogate: 1-Chlorooctadecane	58.4		mg/kg	50.0		117	49.1-148			

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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



Chain of Custody

Work Order No:

1243248

Page 1 of 1

Project Manager:	Nick Hart	Bill to: (if different)	Ray Ramos
Company Name:	NTG Environmental	Company Name:	BTA Oil
Address:	701 Tradewinds Blvd.	Address:	
City, State ZIP:	Midland TX, 79701	City, State ZIP:	
Phone:	432-444-3047	Email:	nhart@ntglobal.com, bhaskell@ntglobal.com

Work Order Comments	
Program: UST/PS <input type="checkbox"/> PR <input type="checkbox"/> Brownfie <input type="checkbox"/> RI <input type="checkbox"/> Super <input type="checkbox"/>	
State of Project:	
Reporting: Level <input type="checkbox"/> Level <input type="checkbox"/> PST/U <input type="checkbox"/> TR <input type="checkbox"/> Le <input type="checkbox"/>	
Deliverables: EDD <input type="checkbox"/> ADaPT <input type="checkbox"/> Other:	

Project Name:	Mesa B 10-13 18-21 Battery	Turn Around	<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Rush
Project Number:	237886	Due Date:	
Project Location:	Lea, Co NM	TAT starts the day received by the lab, if received by 4:30pm	
Sampler's Name:	Jillian Smiley		
PO #:	Incident ID 51		

SAMPLE RECEIPT	
Received Intact:	Temp Blank: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Wet Ice: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Cooler Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Sample Custody Seals:	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A
Total Containers:	1245
Thermometer ID:	140
Correction Factor:	
Temperature Reading:	5.3
Corrected Temperature:	

Sample Identification	Date	Time	Soil	Water	Grab/Comp	# of Cont
CS-109A (3.5')	6/6/2024	-	X	-	Comp	1
CS-110A (3.5')	6/6/2024	-	X	-	Comp	1
SW-5B (0-2.5')	6/6/2024	-	X	-	Comp	1
SW-3 (2.5'-3.5')	6/6/2024	-	X	-	Comp	1
SW-27A (2.5'-3.5')	6/6/2024	-	X	-	Comp	1

ANALYSIS REQUEST													Preservative Codes		
Pres. Code	Parameters	BTEX 8021B	TPH 8015M (GRO + DRO + MRO)	Chloride 4500									HOLD	None: NO	DI Water: H ₂ O
# of Cont														Cool: Cool	MeOH: Me
														HCL: HC	HNO ₃ : HN
														H ₂ SO ₄ : H ₂	NaOH: Na
														H ₃ PO ₄ : HP	
														NaHSO ₄ : NABIS	
														Na ₂ S ₂ O ₃ : NaSO ₃	
														Zn Acetate+NaOH: Zn	
														NaOH+Ascorbic Acid: SAPC	
														Sample Comments	
														1	X
1	X	X	X												
1	X	X	X												
1	X	X	X												
1	X	X	X												

Additional Comments:

NMOC INCIDENT ID: nAPP2326145212

* Customer requested Sample ID changes. TO: 6/13/24

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. 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
[Signature]	[Signature]	6-6-24 1435			

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 357471

QUESTIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 357471
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2326145212
Incident Name	NAPP2326145212 MESA B 10-13 18-21 BATTERY @ 0
Incident Type	Release Other
Incident Status	Deferral Request Received
Incident Facility	[fAPP2135655250] Mesa B 10-13 18-21

Location of Release Source	
Please answer all the questions in this group.	
Site Name	MESA B 10-13 18-21 BATTERY
Date Release Discovered	09/16/2023
Surface Owner	Federal

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

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	Not answered.
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Cause: Equipment Failure Production Tank Other (Specify) Released: 0 BBL (Unknown Released Amount) Recovered: 45 BBL Lost: -45 BBL.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	The transfer pumps failed causing the tanks to overflow and send fluid down the low pressure flare line. The fluid ignited causing a fire and a release. An unknown amount was released, and 45 barrels of fluid was recovered by vac-truck measurement.

District I

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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 357471

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:
	260297
	Action Number:
	357471
Action Type:	
[C-141] Deferral Request C-141 (C-141-v-Deferral)	

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire; (?) reported amounts release resulting in negative volume.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

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

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

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

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

I hereby agree and sign off to the above statement	Name: Ray Ramos Title: Environmental Manager Email: rramos@btaoil.com Date: 06/25/2024
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QUESTIONS, Page 3

Action 357471

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:
	260297
	Action Number: 357471
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS**Site Characterization**

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

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Greater than 5 (mi.)
Any other fresh water well or spring	Greater than 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Greater than 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Medium
A 100-year floodplain	Greater than 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)	6000
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	12250
GRO+DRO (EPA SW-846 Method 8015M)	8380
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

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

On what estimated date will the remediation commence	04/10/2024
On what date will (or did) the final sampling or liner inspection occur	06/06/2024
On what date will (or was) the remediation complete(d)	06/28/2024
What is the estimated surface area (in square feet) that will be reclaimed	5369
What is the estimated volume (in cubic yards) that will be reclaimed	300
What is the estimated surface area (in square feet) that will be remediated	22363
What is the estimated volume (in cubic yards) that will be remediated	1180

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 357471

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:	260297
	Action Number:	357471
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS**Remediation Plan (continued)**

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

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	HALFWAY DISPOSAL AND LANDFILL [fEEM0112334510]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site 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: Ray Ramos Title: Environmental Manager Email: rramos@btaoil.com Date: 06/25/2024
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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 357471

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:	260297
	Action Number:	357471
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

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	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Is the remaining contamination in areas immediately under or around production equipment where remediation could cause a major facility deconstruction	Yes
Please list or describe the production equipment and how (re)moving the equipment would cause major facility deconstruction	Directly under lined containment and directly under flare
What is the remaining surface area (in square feet) that will still need to be remediated if a deferral is granted	2180
What is the remaining volume (in cubic yards) that will still need to be remediated if a deferral is granted	285
<i>Per Paragraph (2) of Subsection C of 19.15.29.12 NMAC if contamination is located in areas immediately under or around production equipment such as production tanks, wellheads and pipelines where remediation could cause a major facility deconstruction, the remediation, restoration and reclamation may be deferred with division written approval until the equipment is removed during other operations, or when the well or facility is plugged or abandoned, whichever comes first.</i>	
Enter the facility ID (F#) on which this deferral should be granted	Mesa B 10-13 18-21 [fAPP2135655250]
Enter the well API (30-) on which this deferral should be granted	Not answered.
Contamination does not cause an imminent risk to human health, the environment, or groundwater	True
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
I hereby agree and sign off to the above statement	Name: Ray Ramos Title: Environmental Manager Email: rramos@btaoil.com Date: 06/25/2024

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QUESTIONS, Page 6

Action 357471

QUESTIONS (continued)

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID:	260297
	Action Number:	357471
	Action Type:	[C-141] Deferral Request C-141 (C-141-v-Deferral)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	350201
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	06/07/2024
What was the (estimated) number of samples that were to be gathered	10
What was the sampling surface area in square feet	1000

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	No

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CONDITIONS

Action 357471

CONDITIONS

Operator: BTA OIL PRODUCERS, LLC 104 S Pecos Midland, TX 79701	OGRID: 260297
	Action Number: 357471
	Action Type: [C-141] Deferral Request C-141 (C-141-v-Deferral)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	Deferral approved. Deferral of sample points SW-2, SW-6 and SW-8 is approved until plugging and abandonment or a major facility deconstruction, whichever comes first. A complete and accurate remediation report and/or reclamation report will need to be submitted at that time.	9/26/2024