State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	~38 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☒ Yes ☐ No

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

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

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

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

Form C-141
Page 4

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

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

Printed Name: Teffanie Fawks Title: HSE Environmental Field Tech

Signature: Date:

email: teffanies@eeronline.com Telephone: 432-262-4203

OCD Only

Received by: Date:

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

Incident ID	NRM2030337321
District RP	
Facility ID	
Application ID	

Remediation Plan

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

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

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

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

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

Printed Name: Jamon Hohensee Title: Sr. Environmental Specialist

Signature: Jamon Hohensee Date: 04/25/2023

email: jhohensee@eeronline.com Telephone: 432-238-8808

OCD Only

Received by: Nelson Velez Date: 07/18/2023

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

Signature: Nelson Velez Date: 07/19/2023

Site Assessment Report, Proposed Remediation Workplan, and Deferral Request

Endeavor Energy Resources, LP
Graham State #1 Battery
Lea County, New Mexico
Unit Letter O, Section 3, Township 11 South, Range 33 East
Latitude 33.388477 North, Longitude 103.600291 West
NMOCD Reference No. Pending

Prepared By:

Etech Environmental & Safety Solutions, Inc.
3100 Plains Highway
Lovington, New Mexico 88260

Matthew Grieco

Joel W. Lowry

Midland • San Antonio • Lubbock • Lovington • Lafayette

TABLE OF CONTENTS

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Endeavor Energy Resources, LP, has prepared this Report for the Release Site known as the Graham State #1 Battery. Details of the release are summarized below:

Location of Release Source

Latitude: 33.388477 Longitude: -103.600291

Provided GPS are in WGS84 format.

Site Name:	Graham State #1 Battery	Site Type:	Tank Battery
Date Release Discovered:	7/28/2020	API # (if applicable):	30-025-21842

Unit Letter	Section	Township	Range	County
O	3	11S	33E	Lea

Surface Owner: [X] State [ ] Federal [ ] Tribal [ ] Private (Name _____)

Nature and Volume of Release

[X] Crude Oil	Volume Released (bbls) 56.1	Volume Recovered (bbls) 10
[X] Produced Water	Volume Released (bbls) 168.4	Volume Recovered (bbls) 10
	Is the concentration of dissolved chloride in the produced water > 10,000 mg/L?	[X] Yes [ ] No [ ] N/A
[ ] Condensate	Volume Released (bbls)	Volume Recovered (bbls)
[ ] Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
[ ] Other (describe)	Volume/Weight Released	Volume/Weight Recovered

Cause of Release:
The release was caused by tanks overflowing.

Initial Response

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

Previously submitted portions of the NMOCD Form C-141 are available on the NMOCD Imaging System.

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half mile radius of the Release Site. Probable groundwater depth was determined using data generated by numeric models based on available water well data and published information. Depth to groundwater information is provided as Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	~38 Ft
Did the release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production or storage site?	☒ Yes ☐ No

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) shapefiles; topographic maps; NMOSE and USGS databases; and aerial imagery. The results are depicted on Figures 1 & 2.

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Based on the volume and nature of the release, inferred depth to groundwater and NMOCD Siting Criteria, the NMOCD Closure Criteria for the Site is as follows:

Closure Criteria for Soil Impacted by a Release			
Probable Depth to Groundwater	**Constituent**	**Method**	**Limit**
~38 Ft	Chloride	EPA 300.0 or SM4500 Cl B	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	100 mg/kg
	DRO + GRO	EPA SW-846 Method 8015M	N/A mg/kg
	BTEX	EPA SW-846 Methods 8021b or 8260b	50 mg/kg
	Benzene	EPA SW-846 Methods 8021b or 8260b	10 mg/kg

4.0 INITIAL SITE ASSESSMENT

On September 14, September 22, and October 15, 2020, Etech conducted an initial site assessment. During the initial site assessment, a series of hand-augered soil bores and/or test trenches were advanced within the release margins in an effort to determine the vertical extent of soil impacts. In addition, hand-augered soil bores and/or test trenches were advanced at the inferred edges of the affected area in an effort to determine the horizontal extent of soil impacts. During the advancement of the hand-augered soil bores, field soil samples were collected and field-screened for the presence of Volatile Organic Compounds utilizing a Photoionization Detector (PID) and/or concentrations of chloride utilizing a Hach Quantab ® chloride test kit. A "Site & Sample Location Map" is provided as Figure 3. Field data and soil profile logs, if applicable, are provided as Appendix

Based on field observations and field test data, thirty (30) delineation soil samples (NH1 @ Surface, NH1 @ 1', NH2 @ Surface, NH2 @ 1', NH3 @ Surface, NH3 @ 1', NH4 @ Surface, NH4 @ 1', EH1 @ Surface, EH1 @ 1', SH1 @ Surface, SH1 @ 1', SH2 @ Surface, SH2 @ 1', SH3 @ Surface, SH3 @ 1', SH4 @ Surface, SH4 @ 1', WH1 @ Surface, WH1 @ 1', SP4 @ Surface, SP1 @ Surface, SP1 @ 6', SP2 @ Surface, SP2 @ 6', SP3 @ Surface, SP3 @ 4', SP4 @ 4', SH2B @ Surface, and NH3B @ Surface) were submitted to the laboratory for analysis of BTEX, TPH and/or Chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria beyond 6 Ft. BGS and the horizontal extent of affected soil impacted above the NMOCD Closure Criteria was adequately defined. A "Soil Chemistry Table" is provided as Table 1. Laboratory Analytical Reports are provided in Appendix C.

5.0 PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics and field observations made during the initial site assessment, Endeavor Energy Resources, LP proposes the following remediation activities designed to advance the Site toward an approved closure:

- Utilizing mechanical equipment, excavate impacted soil affected above the NMOCD Closure Criteria in the areas characterized by sample points SP1 and SP2 to an estimated depth of 6 Ft. BGS, and the areas characterized by sample points SP3 and SP4 to an estimated depth of 4 Ft. BGS.
- The floor and sidewalls of the excavated area will be advanced until laboratory analytical results indicate BTEX, TPH and chloride concentrations are below the NMOCD Closure Criteria.
- Excavated soil will be transported to an NMOCD-permitted surface waste facility for disposal.
- Upon receiving laboratory analytical results from excavation confirmation soil samples, backfill the excavated area with locally sourced, non-impacted "like" material.
- Impacted soil affected above the NMOCD Closure Criteria adjacent to and/or beneath the above ground storage tanks within the tank battery facility will be excavated to the maximum extent practicable. Impacted soil affected above the NMOCD Closure Criteria remaining in-situ will be characterized and will be remediated upon abandoning and decommissioning the
- Upon completion of remediation activities, a *Remediation Summary and Limited Soil Closure Request* will be prepared detailing field activities and laboratory analytical results from confirmation soil samples.

6.0 DEFERRAL REQUEST

Impacted soil affected above the NMOCD Closure Criteria adjacent to and/or beneath of the above ground storage tanks within the tank battery facility will be excavated to the maximum extent practicable. Endeavor maintains excavation of impacted soil affected above the NMOCD Closure Criteria adjacent to and/or beneath the above ground storage tanks within the tank battery facility may pose a risk to human health and safety and would result in a major facility deconstruction. Remediation and reclamation of soil affected above the NMOCD Clsoure Criteria remaining in-situ adjacent to and/or beneath the above ground storage tanks within the tank battery facility will be completed upon abandoning and decommissioning the facility.

7.0 SAMPLING PLAN

Upon completion of excavation activities, representative five-point composite excavation confirmation soil samples will be collected from the excavation sidewalls in each cardinal direction, representing no more than 50 linear ft. A minimum of one (1) representative five-point composite excavation confirmation soil sample will be collected from the base of the excavated area representing every 500 square feet. Additional, discrete grab samples will be collected from wet or visibly stained areas inferred to have been affected by the release, as necessary.

8.0 TIMELINE AND ESTIMATED VOLUME OF SOIL TO BE REMEDIATED

Remediation activities are expected to be completed within 90 days of receiving necessary approval(s) of the Site Assessment Summary and Proposed Remediation Plan. Based on laboratory analytical results, site characteristics and field observations made during the initial site assessment it is estimated that approximately 2,600 cubic yards is in need of removal.

9.0 RESTORATION, RECLAMATION AND RE-VEGETATION PLAN

Areas affected by remediation and closure activities will be substantially restored to the condition that existed prior to the release, to the extent practicable. Excavated areas will be backfilled with locally sourced, non-impacted "like" material placed at or near original relative positions. The affected area will be contoured and/or compacted to achieve erosion control, stability and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture during the first favorable growing season following closure of the site.

10.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this Site Assessment Report, Proposed Remediation Plan and Deferral Request to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents reference in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of Endeavor Energy Resources, LP. Use of the information contained in this report is prohibited without the consent of Etech and/or Endeavor Energy Resources, LP.

11.0 DISTRIBUTION

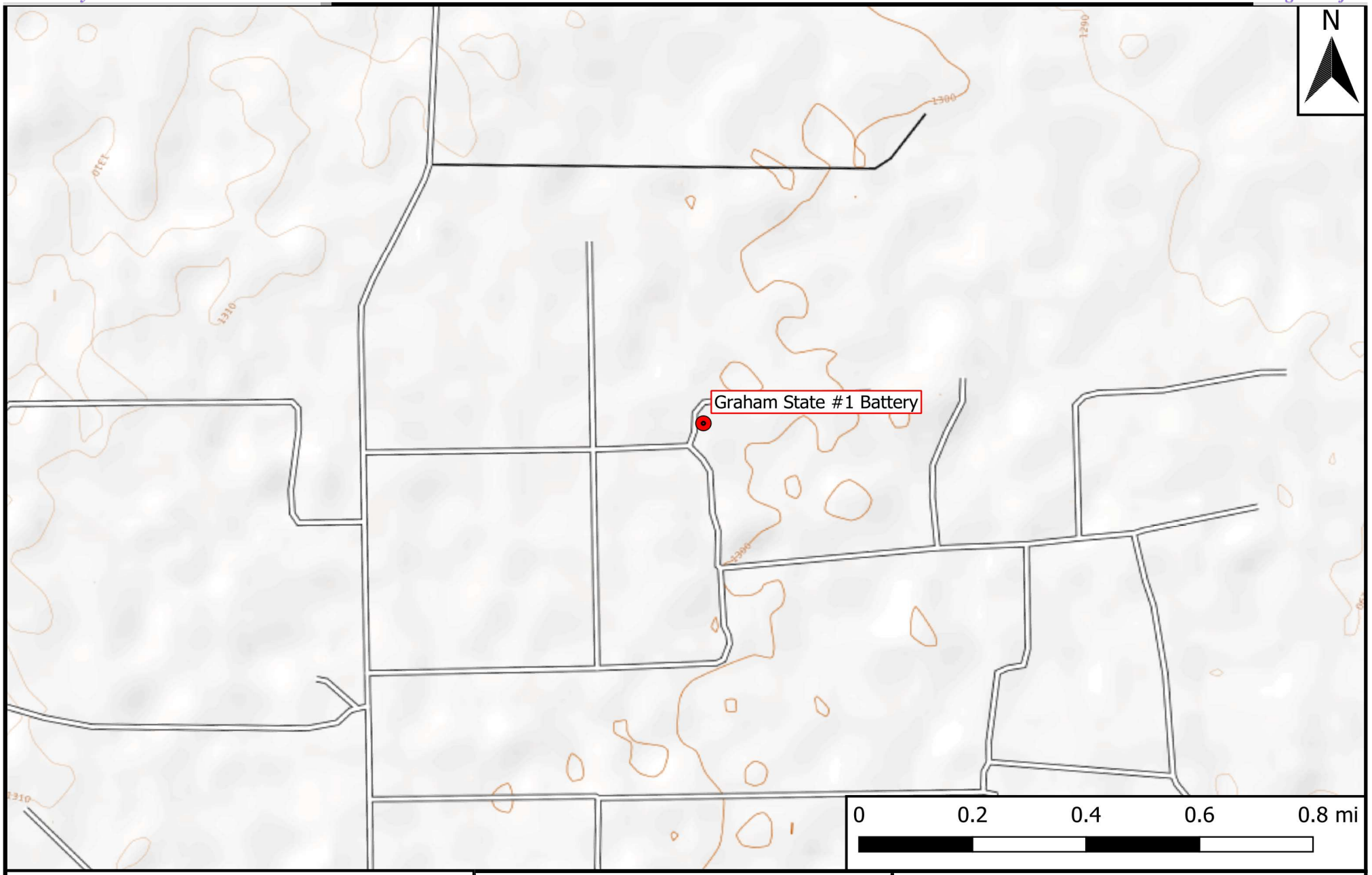
Endeavor Energy Resources, LP
110 N. Marienfeld St
Suite 200
Midland, TX 79701

New Mexico Energy, Minerals and Natural Resources Department
Oil Conservation Division, District 1
1220 South St. Francis Drive
Santa Fe, NM 87505

Hobbs Field Office
New Mexico State Land Office
2827 North Dal Paso Street
Suite 117
Hobbs, NM 88240

(Electronic Submission)

Figure 1
Topographic Map



Legend

Site Location

Figure 1

Topographic Map

Endeavor Energy Resources, LP

Graham State #1 Battery

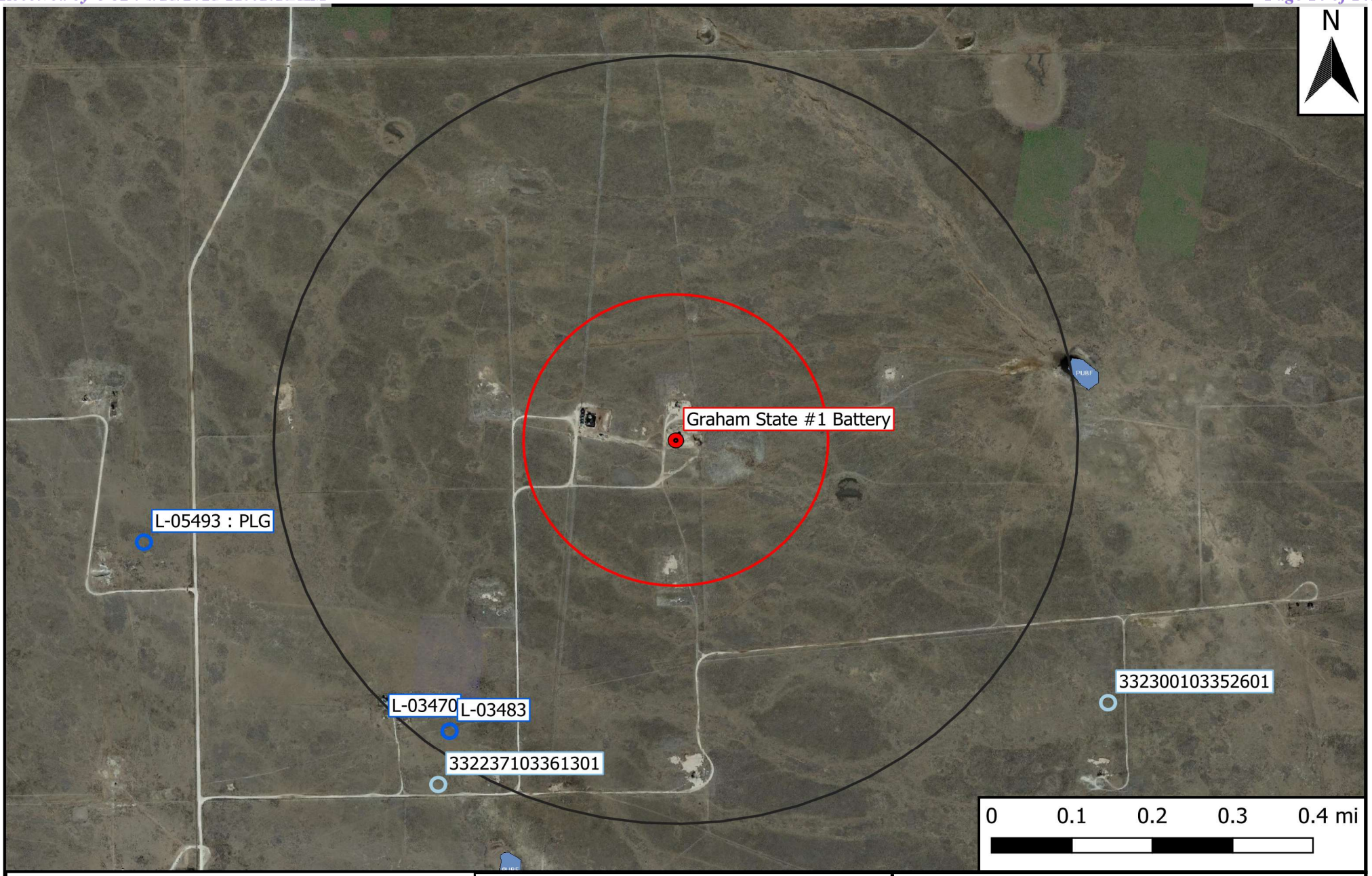
GPS: 33.388477, -103.600291

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 7/30/20

Figure 2
Aerial Proximity Map



Legend

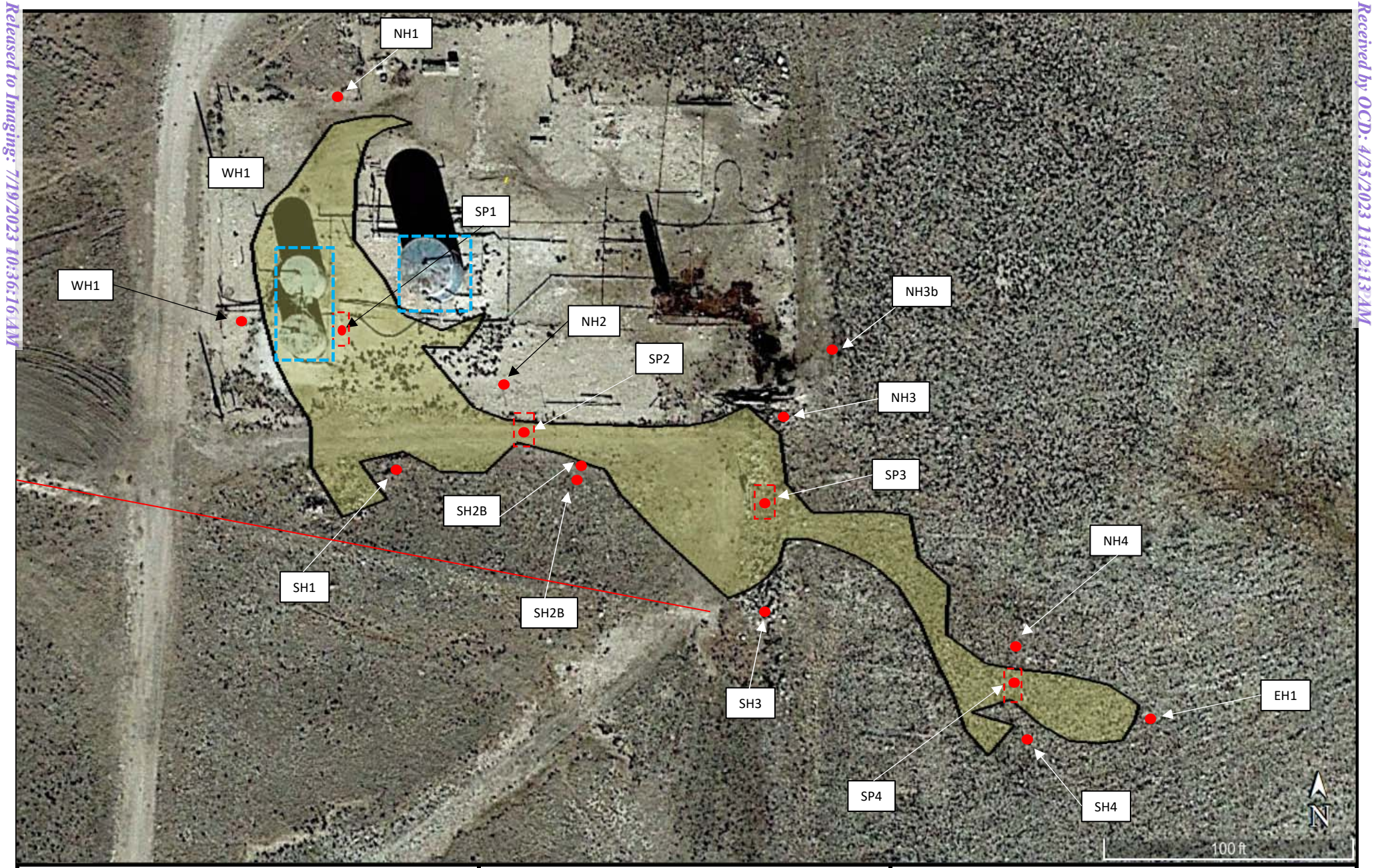
- Site Location
- Well - NMOSE
- Well - USGS
- High Karst
- Potash Mine Workings
- 0.5 Mi Radius
- 1000 Ft Radius
- 1% Annual Flood Chance
- Lake/Freshwater Pond
- Emergent/Forested Wetlands
- Riverine

Figure 2
Aerial Map
Endeavor Energy Resources, LP
Graham State #1 Battery
GPS: 33.388477, -103.600291
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 7/30/20

Figure 3
Site and Sample Location Map



Legend:

- Affected Area
- Sample Point
- Test Trench
- Proposed Deferral

Figure 1

Site Diagram
Graham State #1 Battery
Endeavor Energy Resources, LP
GPS: 33.388477, -103.600291

eTECH Environmental & Safety Solutions, Inc.

Drafted: lc Checked: jwl Date: 10/29/20

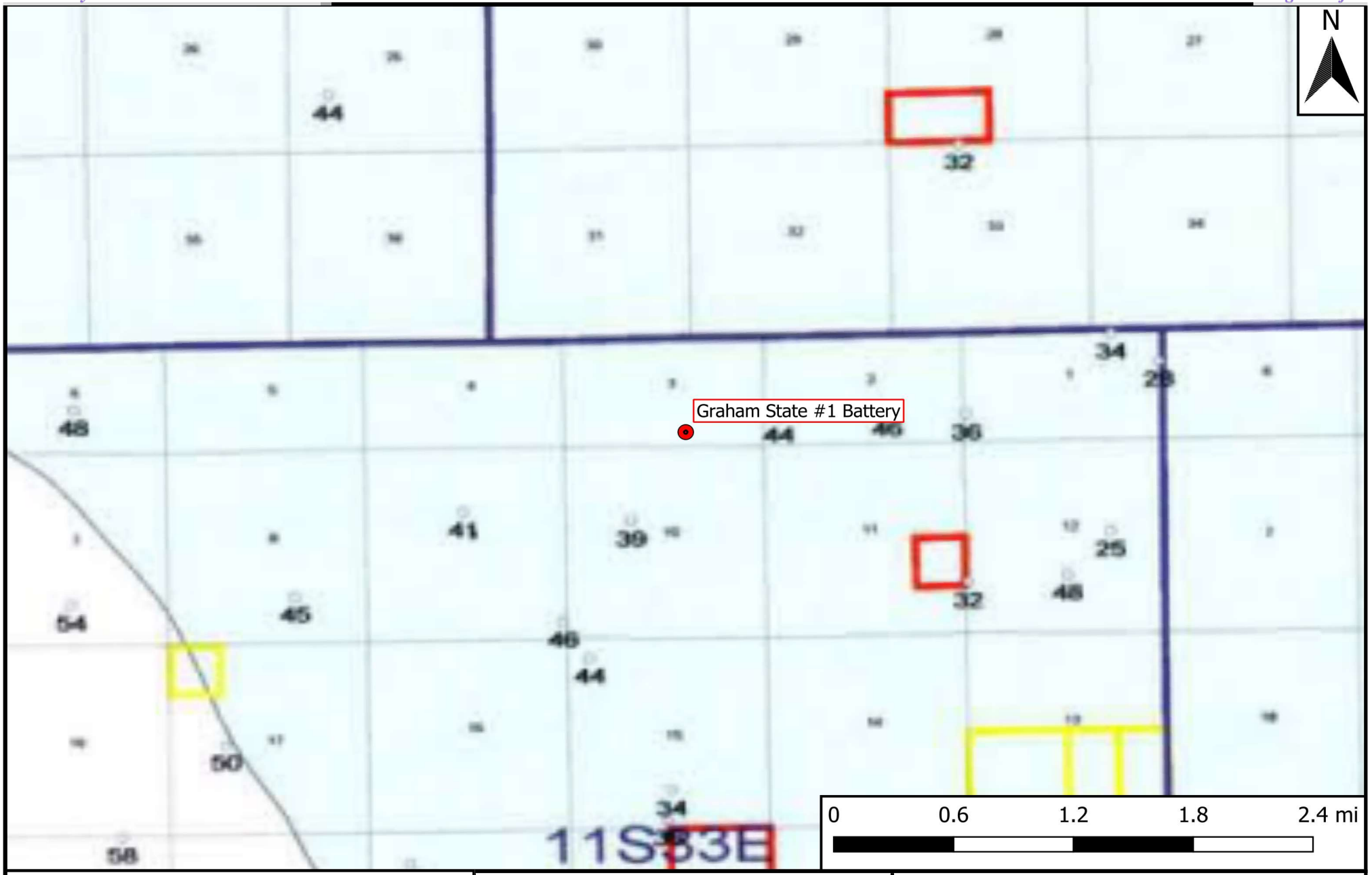
Table 1
Concentrations of BTEX, TPH, and/or Chloride in Soil

TABLE 1
CONCENTRATIONS OF BENZENE, BTEX, TPH AND CHLORIDE IN SOIL
Endeavor Energy Resources, LP
Graham State #1 Battery
NMOCD Ref. #: Pending

NMOCD Closure Criteria				**10**	**50**	**-**	**-**	**-**	**-**	**100**	**600**
NMOCD Reclamation Standard				**10**	**50**	**-**	**-**	**-**	**-**	**100**	**600**
Sample ID	**Date**	**Depth**	**Soil Status**	**SW 846 8021B**		**SW 846 8015M Ext.**					**4500 Cl**
				Benzene (mg/kg)	**BTEX (mg/kg)**	**GRO C_6-C_{10} (mg/kg)**	**DRO C_{10}-C_{28} (mg/kg)**	**GRO + DRO C_6-C_{28} (mg/kg)**	**ORO C_{28}-C_{36} (mg/kg)**	**TPH C_6-C_{36} (mg/kg)**	**Chloride (mg/kg)**
NH1 @ Surface	9/14/2020	0'	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	32.4
NH1 @ 1'	9/14/2020	1'	In-Situ	<0.00198	<0.00198	<50.0	64.1	64.1	<50.0	64.1	67.2
NH2 @ Surface	9/14/2020	0'	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	61.9
NH2 @ 1'	9/14/2020	1'	In-Situ	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	63.5
NH3 @ Surface	9/14/2020	0'	In-Situ	<0.00199	<0.00199	<49.8	143	143	73.0	**216**	109
NH3 @ 1'	9/14/2020	1'	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	5.73
NH4 @ Surface	9/14/2020	0'	In-Situ	<0.00201	<0.00201	<49.9	<49.9	<49.9	<49.9	<49.9	8.43
NH4 @ 1'	9/14/2020	1'	In-Situ	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50.0	92.0
EH1 @ Surface	9/14/2020	0'	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	179
EH1 @ 1'	9/14/2020	1'	In-Situ	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	<49.9	85.3
SH1 @ Surface	9/14/2020	0'	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	45.1
SH1 @ 1'	9/14/2020	1'	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<49.9	408
SH2 @ Surface	9/14/2020	0'	In-Situ	<0.00199	<0.00199	<50.0	110	110	75.1	**185**	17.4
SH2 @ 1'	9/14/2020	1'	In-Situ	<0.00201	<0.00201	<49.9	<49.9	<49.9	<49.9	<49.9	<5.05
SH3 @ Surface	9/14/2020	0'	In-Situ	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<50.0	27.1
SH3 @ 1'	9/14/2020	1'	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	26.3
SH4 @ Surface	9/14/2020	0'	In-Situ	<0.00198	<0.00198	<49.9	56.3	56.3	<49.9	56.3	34.0
SH4 @ 1'	9/14/2020	1'	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<50.0	29.3
WH1 @ Surface	9/14/2020	0'	In-Situ	<0.00201	<0.00201	<50.0	61.6	61.6	<50.0	61.6	35.5
WH1 @ 1'	9/14/2020	1'	In-Situ	<0.00198	<0.00198	<49.9	74.5	74.5	<49.9	74.5	38.2
SP4 @ Surface	9/14/2020	0'	In-Situ	<0.00200	<0.00200	<500	42,000	42,000	3,730	**45,700**	**1,180**
SP1 @ Surface	9/22/2020	0'	In-Situ	0.291	**54.0**	2,170	34,900	37,100	3,880	**41,000**	**5,060**
SP1 @ 6'	9/22/2020	6'	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<50.0	151
SP2 @ Surface	9/22/2020	0'	In-Situ	<0.00200	0.0521	318	37,600	37,900	5,240	**43,200**	**4,350**
SP2 @ 6'	9/22/2020	6'	In-Situ	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	197
SP3 @ Surface	9/22/2020	0'	In-Situ	<0.00200	0.0457	<998	69,900	69,900	9,420	**79,300**	449
SP3 @ 4'	9/22/2020	4'	In-Situ	<0.00200	<0.00200	<49.8	65.0	65.0	<49.8	65.0	370
SP4 @ 4'	9/22/2020	4'	In-Situ	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	452
SH2B @ Surface	9/22/2020	0'	In-Situ	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	18.0
NH3B @ Surface	10/15/2020	0'	In-Situ	-	-	<49.9	59.9	59.9	<49.9	59.9	-

NOTES:
- = Sample not analyzed for that constituent.
Bold text denotes a concentration that exceeds the NMOCD Closure Criteria

Appendix A
Depth to Groundwater Information



Legend

- Site Location

Figure 4

Inferred Depth to Groundwater Trend Map

Endeavor Energy Resources, LP

Graham State #1 Battery

GPS: 33.388477, -103.600291

Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 7/30/20

New Mexico Office of the State Engineer
Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced, O=orphaned, C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters) (In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Twn	Rng	X	Y	Distance	Depth Well	Depth Water	Water Column
L 03470		L	LE	1	4	1	10	11S	33E	629731	3694624*	756	116		
L 03483		L	LE	1	4	1	10	11S	33E	629731	3694624*	756	140	50	90

Average Depth to Water: **50 feet**
Minimum Depth: **50 feet**
Maximum Depth: **50 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 630184.11 **Northing (Y):** 3695230 **Radius:** 804.67

***UTM location was derived from PLSS - see Help**

7/30/20 8:53 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER

New Mexico Office of the State Engineer

Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)
(quarters are smallest to largest) (NAD83 UTM in meters)

Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
	L 03470	1	4	1	10	11S	33E	629731	3694624*

Driller License: 134 **Driller Company:** STONE DRILLING CO.

Driller Name: CECIL GEATEN

Drill Start Date: **Drill Finish Date:** 04/14/1957 **Plug Date:**

Log File Date: 02/28/1958 **PCW Rcv Date:** **Source:** Shallow

Pump Type: **Pipe Discharge Size:** **Estimated Yield:**

Casing Size: 6.63 **Depth Well:** 116 feet **Depth Water:**

Water Bearing Stratifications:	Top	Bottom	Description
	62	85	Sandstone/Gravel/Conglomerate

***UTM location was derived from PLSS - see Help**

New Mexico Office of the State Engineer

Point of Diversion Summary

Well Tag	POD Number	(quarters are 1=NW 2=NE 3=SW 4=SE) (quarters are smallest to largest) Q64	Q16	Q4	Sec	Twn	Rng	(NAD83 UTM in meters) X	Y
	L 03483	1	4	1	10	11S	33E	629731	3694624*

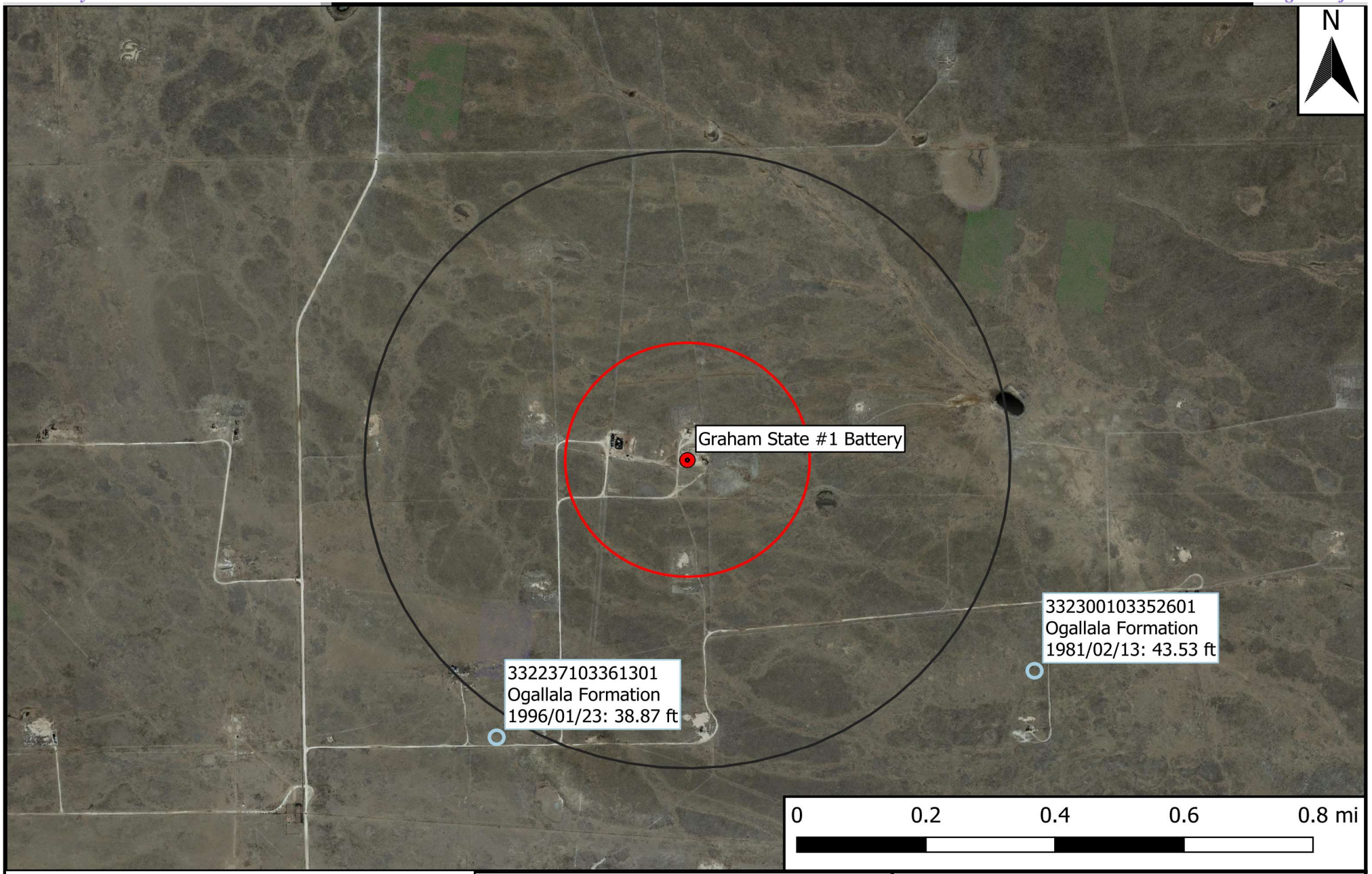
Driller License: 134 **Driller Company:** STONE DRILLING CO.

Driller Name: JACK STONE

Drill Start Date:		**Drill Finish Date:**		**Plug Date:**	
Log File Date:	03/31/1958	**PCW Rcv Date:**		**Source:**	Shallow
Pump Type:		**Pipe Discharge Size:**		**Estimated Yield:**	
Casing Size:		**Depth Well:**	140 feet	**Depth Water:**	50 feet

Water Bearing Stratifications:	Top	Bottom	Description
	62	80	Sandstone/Gravel/Conglomerate
	121	132	Sandstone/Gravel/Conglomerate

***UTM location was derived from PLSS - see Help**



Legend
- Site Location
- Well - USGS
- 0.5 Mi Radius
- 1000 Ft Radius

Figure 5
USGS Well Proximity Map
Endeavor Energy Resources, LP
Graham State #1 Battery
GPS: 33.388477, -103.600291
Lea County

eTECH Environmental & Safety Solutions, Inc.

Drafted: mag Checked: jwl Date: 7/30/20

* We've detected you're using a mobile device. Find our Next Generation Station Page here.

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 332237103361301

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 332237103361301 11S.33E.10.14321

Lea County, New Mexico
Latitude 33°22'55", Longitude 103°36'18" NAD27
Land-surface elevation 4,263.00 feet above NGVD29
The depth of the well is 116 feet below land surface.
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1981-02-13		D	40.94			2		U		U	A
1986-01-09		D	39.14			2		U		U	A
1990-11-29		D	28.89			2		U		U	A
1996-01-23		D	38.87			2		S		U	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	S	Steel-tape measurement.
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

Page Contact Information: USGS Water Data Support Team
Page Last Modified: 2020-07-30 10:52:29 EDT
0.29 0.27 nadww01

National Water Information System: Web Interface

USGS Water Resources

Data Category: Groundwater | Geographic Area: United States | GO

* We've detected you're using a mobile device. Find our Next Generation Station Page here.

Click to hideNews Bulletins

- Introducing The Next Generation of USGS Water Data for the Nation
- Full News

Groundwater levels for the Nation

Search Results -- 1 sites found

Agency code = usgs
site_no list =
- 332300103352601

Minimum number of levels = 1
Save file of selected sites to local disk for future upload

USGS 332300103352601 11S.33E.02.33143

Lea County, New Mexico
Latitude 33°23'00", Longitude 103°35'26" NAD27
Land-surface elevation 4,241 feet above NAVD88
This well is completed in the Ogallala Formation (121OGLL) local aquifer.

Output formats

Table of data
Tab-separated data
Graph of data
Reselect period

Date	Time	? Water-level date-time accuracy	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Water-level accuracy	? Status	? Method of measurement	? Measuring agency	? Source of measurement	? Water-level approval status
1981-02-13		D	43.53			2		U		U	A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Water-level accuracy	2	Water level accuracy to nearest hundredth of a foot
Status		The reported water-level measurement represents a static level
Method of measurement	U	Unknown method.
Measuring agency		Not determined
Source of measurement	U	Source is unknown.
Water-level approval status	A	Approved for publication -- Processing and review completed.

Questions about sites/data?
Feedback on this web site
Automated retrievals
Help
Data Tips
Explanation of terms
Subscribe for system changes
News

Pr
0.23 0.22 nadww01

Appendix B
Field Data and Soil Profile Logs

eTECH Environmental & Safety Solutions, Inc.

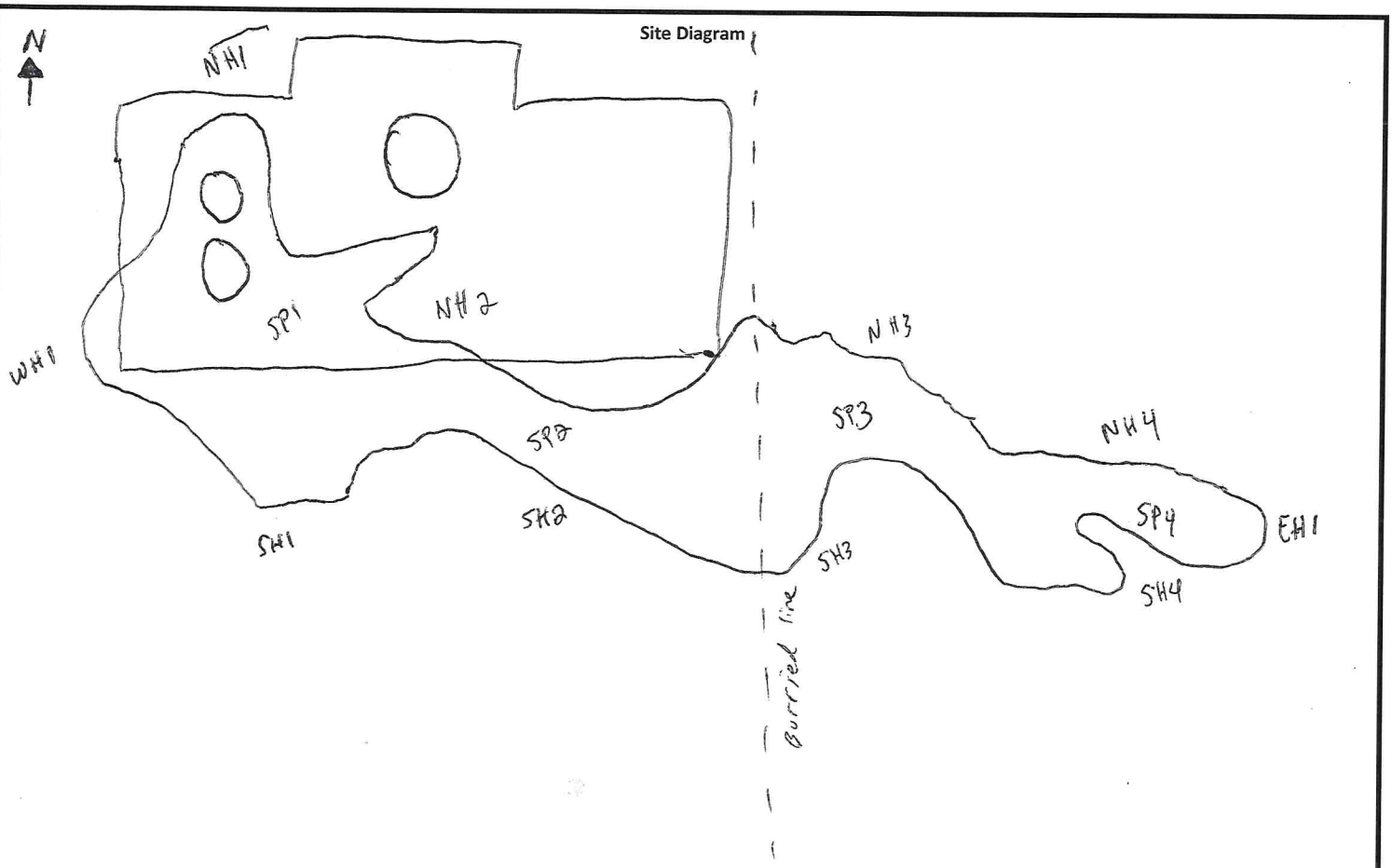
Initial Release Assessment Form

Date: 9.14.20

Project: Graham State #1 Battery Clean Up Level: 0

Project Number: 12836 Latitude: 33.388477 Longitude: -103.600291

Site Diagram



Notes:

~Length: 400' ~Width: 150' ~Area: 13,800 sq ft ~Depth: 4'-6'

	Yes	No
3-4 Representative Pictures of the Affected Area including sample locations?	☑	☐
Necessary Samples Field Screened and on Ice?	☑	☐
Sample and Field Screen Data Entered on Sample Log?	☑	☐
Was horizontal and vertical delineation achieved?	☑	☐

eTECH Environmental & Safety Solutions, Inc.

Sample Log

Date: 9.14.20

Project: Graham State #1 Battery

Project Number: 12836 Latitude: 33.388477 Longitude: -103.600291

Sample ID	PID/Odor	Chloride Conc.	GPS
NH1@surface	none	>112	
NH1@1'	none	>112	
NH2@surface	none	>112	
NH2@1'	none	>112	
NH3@surface	none	>112	
NH3@1'	none	>112	
NH4@surface	none	>112	
NH4@1'	none	>112	
EH1@surface	none	>112	
EH1@1'	none	>112	
SH1@surface	none	184	
SH1@1'	none	412	
SH2@surface	none	>112	
SH2@1'	none	>112	
SH3@surface	none	>112	
SH3@1'	none	>112	
SH4@surface	none	184	
SH4@1	none	198	
SP1@surface	Some	2440	
SP2@surface	Some	2440	
SP3@surface	Some	2440	
SP4@surface	Some	860	
WH1@surface	none	184	
WH1@1'	none	184	
SP1@5'	Some	224	
SP2@6'	none	268	
SP3@4'	none	412	
SP4@4'	none	516	
SP1@6'	none	184	
SH2B@surface	none	224	

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

Soil Intended to be Deferred = SP #1 @ 4' In-Situ

Resamples= SP #1 @ 5b or SW #1b

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas

eTECH Environmental & Safety Solutions, Inc.

Soil Profile

Date: 9.14.20

Project: Graham State #1 Battery

Project Number: 12836 Latitude: 33.388477 Longitude: -103.600291

Depth (ft. bgs)	Description
1	Caliche Pad/ Brown Dirt
2	Red Brown Dirt/clay mixture
3	w/ caliches
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	

Appendix C
Laboratory Analytical Reports

eurofins | Environment Testing Xenco

Certificate of Analysis Summary 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Graham State #1 Battery

Project Id: 12836
Contact: PM
Project Location: Rural Lea County, NM

Date Received in Lab: Wed 09.16.2020 10:55
Report Date: 09.17.2020 15:53
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	672627-001		672627-002		672627-003		672627-004		672627-005		672627-006	
	Field Id:	NH1 @ Surface		NH1 @ 1'		NH2 @ Surface		NH2 @ 1'		NH3 @ Surface		NH3 @ 1'	
	Depth:			1- ft				1- ft				1- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	09.16.2020 11:00		09.16.2020 11:00		09.16.2020 11:00		09.16.2020 11:00		09.16.2020 11:00		09.16.2020 11:00	
	Analyzed:	09.16.2020 17:17		09.16.2020 17:37		09.16.2020 19:00		09.16.2020 19:20		09.16.2020 19:41		09.16.2020 20:01	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199
Toluene		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199
Ethylbenzene		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199
m,p-Xylenes		<0.00400	0.00400	<0.00396	0.00396	<0.00398	0.00398	<0.00398	0.00398	<0.00398	0.00398	<0.00398	0.00398
o-Xylene		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199
Total Xylenes		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199
Total BTEX		<0.00200	0.00200	<0.00198	0.00198	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199	<0.00199	0.00199
Chloride by EPA 300	***Extracted:***	09.16.2020 15:30		09.16.2020 15:30		09.16.2020 15:30		09.16.2020 15:30		09.16.2020 15:30		09.16.2020 15:30	
	Analyzed:	09.16.2020 17:28		09.16.2020 17:44		09.16.2020 17:49		09.16.2020 17:55		09.16.2020 18:00		09.16.2020 18:05	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		32.4	4.98	67.2	5.00	61.9	4.95	63.5	5.04	109	5.00	5.73	5.05
TPH By SW8015 Mod	***Extracted:***	09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00	
	Analyzed:	09.16.2020 13:03		09.16.2020 14:01		09.16.2020 14:21		09.16.2020 14:40		09.16.2020 14:59		09.16.2020 15:18	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	<49.8	49.8	<50.0	50.0
Diesel Range Organics (DRO)		<50.0	50.0	64.1	50.0	<50.0	50.0	<49.9	49.9	143	49.8	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0	<50.0	50.0	<49.9	49.9	73.0	49.8	<50.0	50.0
Total TPH		<50.0	50.0	64.1	50.0	<50.0	50.0	<49.9	49.9	216	49.8	<50.0	50.0

BRL - Below Reporting Limit

Jessica Kramer

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

eurofins | Environment Testing Xenco

Certificate of Analysis Summary 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Graham State #1 Battery

Project Id: 12836
Contact: PM
Project Location: Rural Lea County, NM

Date Received in Lab: Wed 09.16.2020 10:55
Report Date: 09.17.2020 15:53
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	672627-007		672627-008		672627-009		672627-010		672627-011		672627-012	
	Field Id:	NH4 @ Surface		NH4 @ 1'		EH1 @ Surface		EH1 @ 1'		SH1 @ Surface		SH1 @ 1'	
	Depth:			1- ft				1- ft				1- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	09.16.2020 11:00		09.16.2020 11:00		09.16.2020 11:00		09.16.2020 11:00		09.16.2020 11:00		09.16.2020 11:00	
	Analyzed:	09.16.2020 20:22		09.16.2020 20:42		09.16.2020 21:03		09.16.2020 21:23		09.16.2020 21:44		09.16.2020 22:04	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
Toluene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
Ethylbenzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
m,p-Xylenes		<0.00402	0.00402	<0.00397	0.00397	<0.00401	0.00401	<0.00403	0.00403	<0.00398	0.00398	<0.00399	0.00399
o-Xylene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
Total Xylenes		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
Total BTEX		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200	<0.00202	0.00202	<0.00199	0.00199	<0.00200	0.00200
Chloride by EPA 300	***Extracted:***	09.16.2020 15:30		09.16.2020 15:30		09.16.2020 15:50		09.16.2020 15:50		09.16.2020 15:50		09.16.2020 15:50	
	Analyzed:	09.16.2020 18:10		09.16.2020 18:16		09.16.2020 18:47		09.16.2020 19:03		09.16.2020 19:08		09.16.2020 19:13	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		8.43	5.05	92.0	4.98	179	5.00	85.3	4.98	45.1	5.02	408	4.95
TPH By SW8015 Mod	***Extracted:***	09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00	
	Analyzed:	09.16.2020 15:38		09.16.2020 15:57		09.16.2020 16:16		09.16.2020 16:38		09.16.2020 17:16		09.16.2020 17:36	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9
Diesel Range Organics (DRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9
Total TPH		<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0	<49.9	49.9

BRL - Below Reporting Limit

Jessica Kramer

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

eurofins | Environment Testing Xenco

Certificate of Analysis Summary 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Graham State #1 Battery

Project Id: 12836
Contact: PM
Project Location: Rural Lea County, NM

Date Received in Lab: Wed 09.16.2020 10:55
Report Date: 09.17.2020 15:53
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	672627-013		672627-014		672627-015		672627-016		672627-017		672627-018	
	Field Id:	SH2 @ Surface		SH2 @ 1'		SH3 @ Surface		SH3 @ 1'		SH4 @ Surface		SH4 @ 1'	
	Depth:			1- ft				1- ft				1- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	09.16.2020 16:30		09.16.2020 16:30		09.16.2020 16:30		09.16.2020 16:30		09.16.2020 16:30		09.16.2020 16:30	
	Analyzed:	09.16.2020 20:17		09.16.2020 20:38		09.16.2020 20:58		09.16.2020 21:19		09.16.2020 21:40		09.16.2020 22:00	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Toluene		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Ethylbenzene		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
m,p-Xylenes		<0.00398	0.00398	<0.00402	0.00402	<0.00397	0.00397	<0.00398	0.00398	<0.00396	0.00396	<0.00398	0.00398
o-Xylene		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Total Xylenes		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Total BTEX		<0.00199	0.00199	<0.00201	0.00201	<0.00198	0.00198	<0.00199	0.00199	<0.00198	0.00198	<0.00199	0.00199
Chloride by EPA 300	***Extracted:***	09.16.2020 15:50		09.16.2020 15:50		09.16.2020 15:50		09.16.2020 15:50		09.16.2020 15:50		09.16.2020 15:50	
	Analyzed:	09.16.2020 19:19		09.16.2020 19:34		09.16.2020 19:40		09.16.2020 19:45		09.16.2020 19:50		09.16.2020 19:55	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		17.4	4.99	<5.05	5.05	27.1	5.05	26.3	4.98	34.0	5.00	29.3	5.03
TPH By SW8015 Mod	***Extracted:***	09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00		09.16.2020 12:00	
	Analyzed:	09.16.2020 17:55		09.16.2020 18:15		09.16.2020 18:34		09.16.2020 18:53		09.16.2020 19:13		09.16.2020 19:32	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Diesel Range Organics (DRO)		110	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	56.3	49.9	<50.0	50.0
Motor Oil Range Hydrocarbons (MRO)		75.1	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	<49.9	49.9	<50.0	50.0
Total TPH		185	50.0	<49.9	49.9	<50.0	50.0	<50.0	50.0	56.3	49.9	<50.0	50.0

BRL - Below Reporting Limit

Jessica Kramer

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

eurofins | Environment Testing Xenco

Certificate of Analysis Summary 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Graham State #1 Battery

Project Id: 12836
Contact: PM
Project Location: Rural Lea County, NM

Date Received in Lab: Wed 09.16.2020 10:55
Report Date: 09.17.2020 15:53
Project Manager: Jessica Kramer

Analysis Requested											
	Lab Id:	672627-019		672627-020		672627-021					
	Field Id:	WH1 @ Surface		WH1 @ 1'		SP4 @ Surface					
	Depth:			1- ft							
	Matrix:	SOIL		SOIL		SOIL					
	Sampled:	09.14.2020 00:00		09.14.2020 00:00		09.14.2020 00:00					
BTEX by EPA 8021B	***Extracted:***	09.16.2020 16:30		09.16.2020 16:30		09.16.2020 16:30					
	Analyzed:	09.16.2020 22:21		09.16.2020 22:42		09.16.2020 23:03					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Benzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200				
Toluene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200				
Ethylbenzene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200				
m,p-Xylenes		<0.00402	0.00402	<0.00397	0.00397	<0.00399	0.00399				
o-Xylene		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200				
Total Xylenes		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200				
Total BTEX		<0.00201	0.00201	<0.00198	0.00198	<0.00200	0.00200				
Chloride by EPA 300	***Extracted:***	09.16.2020 15:50		09.16.2020 15:50		09.16.2020 15:50					
	Analyzed:	09.16.2020 20:01		09.16.2020 20:16		09.16.2020 20:22					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Chloride		35.5	4.99	38.2	5.03	1180	4.98				
TPH By SW8015 Mod	***Extracted:***	09.16.2020 12:00		09.16.2020 12:00		09.16.2020 16:00					
	Analyzed:	09.16.2020 19:52		09.16.2020 20:11		09.17.2020 07:41					
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL				
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<49.9	49.9	<500	500				
Diesel Range Organics (DRO)		61.6	50.0	74.5	49.9	42000	500				
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<49.9	49.9	3730	500				
Total TPH		61.6	50.0	74.5	49.9	45700	500				

BRL - Below Reporting Limit

Jessica Kramer

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

eurofins | Environment Testing Xenco

Analytical Report 672627

for

Etech Environmental & Safety Solution, Inc

Project Manager: PM

Graham State #1 Battery

12836

09.17.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2019-058), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)

eurofins | Environment Testing Xenco

09.17.2020

Project Manager: **PM**
Etech Environmental & Safety Solution, Inc
P.O. Box 62228
Midland, TX 79711

Reference: Eurofins Xenco, LLC Report No(s): **672627**
Graham State #1 Battery
Project Address: Rural Lea County, NM

PM :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 672627. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 672627 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

eurofins | Environment Testing Xenco

Sample Cross Reference 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
NH1 @ Surface	S	09.14.2020 00:00		672627-001
NH1 @ 1'	S	09.14.2020 00:00	1 ft	672627-002
NH2 @ Surface	S	09.14.2020 00:00		672627-003
NH2 @ 1'	S	09.14.2020 00:00	1 ft	672627-004
NH3 @ Surface	S	09.14.2020 00:00		672627-005
NH3 @ 1'	S	09.14.2020 00:00	1 ft	672627-006
NH4 @ Surface	S	09.14.2020 00:00		672627-007
NH4 @ 1'	S	09.14.2020 00:00	1 ft	672627-008
EH1 @ Surface	S	09.14.2020 00:00		672627-009
EH1 @ 1'	S	09.14.2020 00:00	1 ft	672627-010
SH1 @ Surface	S	09.14.2020 00:00		672627-011
SH1 @ 1'	S	09.14.2020 00:00	1 ft	672627-012
SH2 @ Surface	S	09.14.2020 00:00		672627-013
SH2 @ 1'	S	09.14.2020 00:00	1 ft	672627-014
SH3 @ Surface	S	09.14.2020 00:00		672627-015
SH3 @ 1'	S	09.14.2020 00:00	1 ft	672627-016
SH4 @ Surface	S	09.14.2020 00:00		672627-017
SH4 @ 1'	S	09.14.2020 00:00	1 ft	672627-018
WH1 @ Surface	S	09.14.2020 00:00		672627-019
WH1 @ 1'	S	09.14.2020 00:00	1 ft	672627-020
SP4 @ Surface	S	09.14.2020 00:00		672627-021

eurofins | Environment Testing Xenco

CASE NARRATIVE

Client Name: Etech Environmental & Safety Solution, Inc

Project Name: Graham State #1 Battery

Project ID: *12836*
Work Order Number(s): *672627*

Report Date: *09.17.2020*
Date Received: *09.16.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3137329 BTEX by EPA 8021B

Lab Sample ID 672627-013 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Ethylbenzene, Toluene, m,p-Xylenes, o-Xylene recovered below QC limits in the Matrix Spike and Matrix Spike Duplicate. Benzene recovered below QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 672627-013, -014, -015, -016, -017, -018, -019, -020, -021.

The Laboratory Control Sample for Toluene, Benzene, m,p-Xylenes, Ethylbenzene, o-Xylene is within laboratory Control Limits, therefore the data was accepted.

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id: **NH1 @ Surface** Matrix: Soil Date Received:09.16.2020 10:55

Lab Sample Id: 672627-001 Date Collected: 09.14.2020 00:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.16.2020 15:30 Basis: Wet Weight

Seq Number: 3137349

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**32.4**	4.98	mg/kg	09.16.2020 17:28		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.16.2020 12:00 Basis: Wet Weight

Seq Number: 3137392

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 13:03	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.16.2020 13:03	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.16.2020 13:03	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.16.2020 13:03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	73	%	70-130	09.16.2020 13:03	
o-Terphenyl	84-15-1	82	%	70-130	09.16.2020 13:03	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH1 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-001	Date Collected:	09.14.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.16.2020 17:17	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.16.2020 17:17	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.16.2020 17:17	U	1
m,p-Xylenes	179601-23-1	<0.00400	0.00400	mg/kg	09.16.2020 17:17	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.16.2020 17:17	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.16.2020 17:17	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.16.2020 17:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	87	%	70-130	09.16.2020 17:17	
1,4-Difluorobenzene	540-36-3	102	%	70-130	09.16.2020 17:17	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH1 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-002	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:30	Basis:	Wet Weight
Seq Number:	3137349				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**67.2**	5.00	mg/kg	09.16.2020 17:44		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 14:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	**64.1**	50.0	mg/kg	09.16.2020 14:01		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.16.2020 14:01	U	1
Total TPH	PHC635	**64.1**	50.0	mg/kg	09.16.2020 14:01		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-130	09.16.2020 14:01	
o-Terphenyl	84-15-1	94	%	70-130	09.16.2020 14:01	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH1 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-002	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.16.2020 17:37	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.16.2020 17:37	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.16.2020 17:37	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.16.2020 17:37	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.16.2020 17:37	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.16.2020 17:37	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.16.2020 17:37	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	85	%	70-130	09.16.2020 17:37	
1,4-Difluorobenzene	540-36-3	106	%	70-130	09.16.2020 17:37	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id: **NH2 @ Surface** Matrix: Soil Date Received:09.16.2020 10:55

Lab Sample Id: 672627-003 Date Collected: 09.14.2020 00:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.16.2020 15:30 Basis: Wet Weight

Seq Number: 3137349

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**61.9**	4.95	mg/kg	09.16.2020 17:49		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.16.2020 12:00 Basis: Wet Weight

Seq Number: 3137392

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 14:21	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.16.2020 14:21	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.16.2020 14:21	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.16.2020 14:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	73	%	70-130	09.16.2020 14:21	
o-Terphenyl	84-15-1	79	%	70-130	09.16.2020 14:21	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH2 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-003	Date Collected:	09.14.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.16.2020 19:00	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.16.2020 19:00	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.16.2020 19:00	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.16.2020 19:00	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.16.2020 19:00	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.16.2020 19:00	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.16.2020 19:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	89	%	70-130	09.16.2020 19:00	
1,4-Difluorobenzene	540-36-3	104	%	70-130	09.16.2020 19:00	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH2 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-004	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:30	Basis:	Wet Weight
Seq Number:	3137349				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**63.5**	5.04	mg/kg	09.16.2020 17:55		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.16.2020 14:40	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.16.2020 14:40	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.16.2020 14:40	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.16.2020 14:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-130	09.16.2020 14:40	
o-Terphenyl	84-15-1	81	%	70-130	09.16.2020 14:40	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH2 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-004	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.16.2020 19:20	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.16.2020 19:20	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.16.2020 19:20	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.16.2020 19:20	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.16.2020 19:20	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.16.2020 19:20	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.16.2020 19:20	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	108	%	70-130	09.16.2020 19:20	
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.16.2020 19:20	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id: **NH3 @ Surface** Matrix: Soil Date Received:09.16.2020 10:55

Lab Sample Id: 672627-005 Date Collected: 09.14.2020 00:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.16.2020 15:30 Basis: Wet Weight

Seq Number: 3137349

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**109**	5.00	mg/kg	09.16.2020 18:00		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.16.2020 12:00 Basis: Wet Weight

Seq Number: 3137392

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.16.2020 14:59	U	1
Diesel Range Organics (DRO)	C10C28DRO	**143**	49.8	mg/kg	09.16.2020 14:59		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**73.0**	49.8	mg/kg	09.16.2020 14:59		1
Total TPH	PHC635	**216**	49.8	mg/kg	09.16.2020 14:59		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	73	%	70-130	09.16.2020 14:59	
o-Terphenyl	84-15-1	77	%	70-130	09.16.2020 14:59	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH3 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-005	Date Collected:	09.14.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.16.2020 19:41	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.16.2020 19:41	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.16.2020 19:41	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.16.2020 19:41	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.16.2020 19:41	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.16.2020 19:41	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.16.2020 19:41	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	09.16.2020 19:41	
1,4-Difluorobenzene	540-36-3	105	%	70-130	09.16.2020 19:41	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH3 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-006	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:30	Basis:	Wet Weight
Seq Number:	3137349				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5.73**	5.05	mg/kg	09.16.2020 18:05		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 15:18	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.16.2020 15:18	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.16.2020 15:18	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.16.2020 15:18	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-130	09.16.2020 15:18	
o-Terphenyl	84-15-1	86	%	70-130	09.16.2020 15:18	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH3 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-006	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.16.2020 20:01	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.16.2020 20:01	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.16.2020 20:01	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.16.2020 20:01	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.16.2020 20:01	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.16.2020 20:01	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.16.2020 20:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	88	%	70-130	09.16.2020 20:01	
1,4-Difluorobenzene	540-36-3	103	%	70-130	09.16.2020 20:01	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id: **NH4 @ Surface** Matrix: Soil Date Received:09.16.2020 10:55

Lab Sample Id: 672627-007 Date Collected: 09.14.2020 00:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.16.2020 15:30 Basis: Wet Weight

Seq Number: 3137349

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**8.43**	5.05	mg/kg	09.16.2020 18:10		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.16.2020 12:00 Basis: Wet Weight

Seq Number: 3137392

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.16.2020 15:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.16.2020 15:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.16.2020 15:38	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.16.2020 15:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	73	%	70-130	09.16.2020 15:38	
o-Terphenyl	84-15-1	82	%	70-130	09.16.2020 15:38	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH4 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-007	Date Collected:	09.14.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.16.2020 20:22	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.16.2020 20:22	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.16.2020 20:22	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.16.2020 20:22	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.16.2020 20:22	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.16.2020 20:22	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.16.2020 20:22	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	108	%	70-130	09.16.2020 20:22	
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.16.2020 20:22	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH4 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-008	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:30	Basis:	Wet Weight
Seq Number:	3137349				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**92.0**	4.98	mg/kg	09.16.2020 18:16		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 15:57	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.16.2020 15:57	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.16.2020 15:57	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.16.2020 15:57	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	09.16.2020 15:57	
o-Terphenyl	84-15-1	98	%	70-130	09.16.2020 15:57	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**NH4 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-008	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.16.2020 20:42	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.16.2020 20:42	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.16.2020 20:42	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.16.2020 20:42	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.16.2020 20:42	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.16.2020 20:42	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.16.2020 20:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	96	%	70-130	09.16.2020 20:42	
1,4-Difluorobenzene	540-36-3	103	%	70-130	09.16.2020 20:42	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id: **EH1 @ Surface** Matrix: Soil Date Received:09.16.2020 10:55

Lab Sample Id: 672627-009 Date Collected: 09.14.2020 00:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.16.2020 15:50 Basis: Wet Weight

Seq Number: 3137351

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**179**	5.00	mg/kg	09.16.2020 18:47		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.16.2020 12:00 Basis: Wet Weight

Seq Number: 3137392

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 16:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.16.2020 16:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.16.2020 16:16	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.16.2020 16:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	09.16.2020 16:16	
o-Terphenyl	84-15-1	97	%	70-130	09.16.2020 16:16	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**EH1 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-009	Date Collected:	09.14.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.16.2020 21:03	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.16.2020 21:03	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.16.2020 21:03	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.16.2020 21:03	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.16.2020 21:03	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.16.2020 21:03	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.16.2020 21:03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	103	%	70-130	09.16.2020 21:03	
4-Bromofluorobenzene	460-00-4	106	%	70-130	09.16.2020 21:03	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**EH1 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-010	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:50	Basis:	Wet Weight
Seq Number:	3137351				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**85.3**	4.98	mg/kg	09.16.2020 19:03		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.16.2020 16:38	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.16.2020 16:38	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.16.2020 16:38	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.16.2020 16:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	75	%	70-130	09.16.2020 16:38	
o-Terphenyl	84-15-1	81	%	70-130	09.16.2020 16:38	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**EH1 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-010	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.16.2020 21:23	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.16.2020 21:23	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.16.2020 21:23	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	09.16.2020 21:23	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.16.2020 21:23	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.16.2020 21:23	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.16.2020 21:23	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	105	%	70-130	09.16.2020 21:23	
4-Bromofluorobenzene	460-00-4	79	%	70-130	09.16.2020 21:23	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id: **SH1 @ Surface** Matrix: Soil Date Received:09.16.2020 10:55

Lab Sample Id: 672627-011 Date Collected: 09.14.2020 00:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.16.2020 15:50 Basis: Wet Weight

Seq Number: 3137351

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**45.1**	5.02	mg/kg	09.16.2020 19:08		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.16.2020 12:00 Basis: Wet Weight

Seq Number: 3137392

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 17:16	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.16.2020 17:16	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.16.2020 17:16	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.16.2020 17:16	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	09.16.2020 17:16	
o-Terphenyl	84-15-1	87	%	70-130	09.16.2020 17:16	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH1 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-011	Date Collected:	09.14.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.16.2020 21:44	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.16.2020 21:44	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.16.2020 21:44	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.16.2020 21:44	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.16.2020 21:44	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.16.2020 21:44	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.16.2020 21:44	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	106	%	70-130	09.16.2020 21:44	
4-Bromofluorobenzene	460-00-4	100	%	70-130	09.16.2020 21:44	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH1 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-012	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:50	Basis:	Wet Weight
Seq Number:	3137351				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**408**	4.95	mg/kg	09.16.2020 19:13		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.16.2020 17:36	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.16.2020 17:36	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.16.2020 17:36	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.16.2020 17:36	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	79	%	70-130	09.16.2020 17:36	
o-Terphenyl	84-15-1	87	%	70-130	09.16.2020 17:36	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH1 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-012	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 11:00	Basis:	Wet Weight
Seq Number:	3137303				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.16.2020 22:04	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.16.2020 22:04	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.16.2020 22:04	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.16.2020 22:04	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.16.2020 22:04	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.16.2020 22:04	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.16.2020 22:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	104	%	70-130	09.16.2020 22:04	
1,4-Difluorobenzene	540-36-3	105	%	70-130	09.16.2020 22:04	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH2 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-013	Date Collected:	09.14.2020 00:00		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:50	Basis:	Wet Weight
Seq Number:	3137351				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**17.4**	4.99	mg/kg	09.16.2020 19:19		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 17:55	U	1
Diesel Range Organics (DRO)	C10C28DRO	**110**	50.0	mg/kg	09.16.2020 17:55		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**75.1**	50.0	mg/kg	09.16.2020 17:55		1
Total TPH	PHC635	**185**	50.0	mg/kg	09.16.2020 17:55		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-130	09.16.2020 17:55	
o-Terphenyl	84-15-1	79	%	70-130	09.16.2020 17:55	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH2 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-013	Date Collected:	09.14.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 16:30	Basis:	Wet Weight
Seq Number:	3137329				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.16.2020 20:17	UX	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.16.2020 20:17	UX	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.16.2020 20:17	UX	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.16.2020 20:17	UX	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.16.2020 20:17	UX	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.16.2020 20:17	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.16.2020 20:17	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	09.16.2020 20:17	
4-Bromofluorobenzene	460-00-4	103	%	70-130	09.16.2020 20:17	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH2 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-014	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:50	Basis:	Wet Weight
Seq Number:	3137351				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	<5.05	5.05	mg/kg	09.16.2020 19:34	U	1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.16.2020 18:15	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.9	49.9	mg/kg	09.16.2020 18:15	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.16.2020 18:15	U	1
Total TPH	PHC635	<49.9	49.9	mg/kg	09.16.2020 18:15	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-130	09.16.2020 18:15	
o-Terphenyl	84-15-1	86	%	70-130	09.16.2020 18:15	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH2 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-014	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 16:30	Basis:	Wet Weight
Seq Number:	3137329				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.16.2020 20:38	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.16.2020 20:38	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.16.2020 20:38	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.16.2020 20:38	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.16.2020 20:38	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.16.2020 20:38	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.16.2020 20:38	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	102	%	70-130	09.16.2020 20:38	
1,4-Difluorobenzene	540-36-3	94	%	70-130	09.16.2020 20:38	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id: **SH3 @ Surface** Matrix: Soil Date Received:09.16.2020 10:55

Lab Sample Id: 672627-015 Date Collected: 09.14.2020 00:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.16.2020 15:50 Basis: Wet Weight

Seq Number: 3137351

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**27.1**	5.05	mg/kg	09.16.2020 19:40		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.16.2020 12:00 Basis: Wet Weight

Seq Number: 3137392

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 18:34	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.16.2020 18:34	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.16.2020 18:34	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.16.2020 18:34	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	78	%	70-130	09.16.2020 18:34	
o-Terphenyl	84-15-1	81	%	70-130	09.16.2020 18:34	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH3 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-015	Date Collected:	09.14.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 16:30	Basis:	Wet Weight
Seq Number:	3137329				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.16.2020 20:58	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.16.2020 20:58	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.16.2020 20:58	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.16.2020 20:58	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.16.2020 20:58	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.16.2020 20:58	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.16.2020 20:58	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	91	%	70-130	09.16.2020 20:58	
4-Bromofluorobenzene	460-00-4	99	%	70-130	09.16.2020 20:58	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH3 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-016	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:50	Basis:	Wet Weight
Seq Number:	3137351				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**26.3**	4.98	mg/kg	09.16.2020 19:45		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 18:53	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.16.2020 18:53	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.16.2020 18:53	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.16.2020 18:53	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-130	09.16.2020 18:53	
o-Terphenyl	84-15-1	83	%	70-130	09.16.2020 18:53	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH3 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-016	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 16:30	Basis:	Wet Weight
Seq Number:	3137329				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.16.2020 21:19	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.16.2020 21:19	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.16.2020 21:19	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.16.2020 21:19	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.16.2020 21:19	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.16.2020 21:19	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.16.2020 21:19	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	101	%	70-130	09.16.2020 21:19	
1,4-Difluorobenzene	540-36-3	94	%	70-130	09.16.2020 21:19	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH4 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-017	Date Collected:	09.14.2020 00:00		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:50	Basis:	Wet Weight
Seq Number:	3137351				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**34.0**	5.00	mg/kg	09.16.2020 19:50		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.16.2020 19:13	U	1
Diesel Range Organics (DRO)	C10C28DRO	**56.3**	49.9	mg/kg	09.16.2020 19:13		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.16.2020 19:13	U	1
Total TPH	PHC635	**56.3**	49.9	mg/kg	09.16.2020 19:13		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	77	%	70-130	09.16.2020 19:13	
o-Terphenyl	84-15-1	81	%	70-130	09.16.2020 19:13	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH4 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-017	Date Collected:	09.14.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 16:30	Basis:	Wet Weight
Seq Number:	3137329				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.16.2020 21:40	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.16.2020 21:40	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.16.2020 21:40	U	1
m,p-Xylenes	179601-23-1	<0.00396	0.00396	mg/kg	09.16.2020 21:40	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.16.2020 21:40	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.16.2020 21:40	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.16.2020 21:40	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	09.16.2020 21:40	
4-Bromofluorobenzene	460-00-4	100	%	70-130	09.16.2020 21:40	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH4 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-018	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:50	Basis:	Wet Weight
Seq Number:	3137351				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**29.3**	5.03	mg/kg	09.16.2020 19:55		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 19:32	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.16.2020 19:32	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.16.2020 19:32	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.16.2020 19:32	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	80	%	70-130	09.16.2020 19:32	
o-Terphenyl	84-15-1	86	%	70-130	09.16.2020 19:32	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SH4 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-018	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 16:30	Basis:	Wet Weight
Seq Number:	3137329				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00199	0.00199	mg/kg	09.16.2020 22:00	U	1
Toluene	108-88-3	<0.00199	0.00199	mg/kg	09.16.2020 22:00	U	1
Ethylbenzene	100-41-4	<0.00199	0.00199	mg/kg	09.16.2020 22:00	U	1
m,p-Xylenes	179601-23-1	<0.00398	0.00398	mg/kg	09.16.2020 22:00	U	1
o-Xylene	95-47-6	<0.00199	0.00199	mg/kg	09.16.2020 22:00	U	1
Total Xylenes	1330-20-7	<0.00199	0.00199	mg/kg	09.16.2020 22:00	U	1
Total BTEX		<0.00199	0.00199	mg/kg	09.16.2020 22:00	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	94	%	70-130	09.16.2020 22:00	
4-Bromofluorobenzene	460-00-4	101	%	70-130	09.16.2020 22:00	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id: **WH1 @ Surface** Matrix: Soil Date Received:09.16.2020 10:55

Lab Sample Id: 672627-019 Date Collected: 09.14.2020 00:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.16.2020 15:50 Basis: Wet Weight

Seq Number: 3137351

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**35.5**	4.99	mg/kg	09.16.2020 20:01		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.16.2020 12:00 Basis: Wet Weight

Seq Number: 3137392

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.16.2020 19:52	U	1
Diesel Range Organics (DRO)	C10C28DRO	**61.6**	50.0	mg/kg	09.16.2020 19:52		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.16.2020 19:52	U	1
Total TPH	PHC635	**61.6**	50.0	mg/kg	09.16.2020 19:52		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-130	09.16.2020 19:52	
o-Terphenyl	84-15-1	80	%	70-130	09.16.2020 19:52	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**WH1 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-019	Date Collected:	09.14.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 16:30	Basis:	Wet Weight
Seq Number:	3137329				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00201	0.00201	mg/kg	09.16.2020 22:21	U	1
Toluene	108-88-3	<0.00201	0.00201	mg/kg	09.16.2020 22:21	U	1
Ethylbenzene	100-41-4	<0.00201	0.00201	mg/kg	09.16.2020 22:21	U	1
m,p-Xylenes	179601-23-1	<0.00402	0.00402	mg/kg	09.16.2020 22:21	U	1
o-Xylene	95-47-6	<0.00201	0.00201	mg/kg	09.16.2020 22:21	U	1
Total Xylenes	1330-20-7	<0.00201	0.00201	mg/kg	09.16.2020 22:21	U	1
Total BTEX		<0.00201	0.00201	mg/kg	09.16.2020 22:21	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	111	%	70-130	09.16.2020 22:21	
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.16.2020 22:21	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**WH1 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-020	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.16.2020 15:50	Basis:	Wet Weight
Seq Number:	3137351				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**38.2**	5.03	mg/kg	09.16.2020 20:16		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.16.2020 12:00	Basis:	Wet Weight
Seq Number:	3137392				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	09.16.2020 20:11	U	1
Diesel Range Organics (DRO)	C10C28DRO	**74.5**	49.9	mg/kg	09.16.2020 20:11		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	09.16.2020 20:11	U	1
Total TPH	PHC635	**74.5**	49.9	mg/kg	09.16.2020 20:11		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	76	%	70-130	09.16.2020 20:11	
o-Terphenyl	84-15-1	80	%	70-130	09.16.2020 20:11	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**WH1 @ 1'**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-020	Date Collected:	09.14.2020 00:00	Sample Depth:	1 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 16:30	Basis:	Wet Weight
Seq Number:	3137329				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00198	0.00198	mg/kg	09.16.2020 22:42	U	1
Toluene	108-88-3	<0.00198	0.00198	mg/kg	09.16.2020 22:42	U	1
Ethylbenzene	100-41-4	<0.00198	0.00198	mg/kg	09.16.2020 22:42	U	1
m,p-Xylenes	179601-23-1	<0.00397	0.00397	mg/kg	09.16.2020 22:42	U	1
o-Xylene	95-47-6	<0.00198	0.00198	mg/kg	09.16.2020 22:42	U	1
Total Xylenes	1330-20-7	<0.00198	0.00198	mg/kg	09.16.2020 22:42	U	1
Total BTEX		<0.00198	0.00198	mg/kg	09.16.2020 22:42	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	106	%	70-130	09.16.2020 22:42	
1,4-Difluorobenzene	540-36-3	95	%	70-130	09.16.2020 22:42	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id: **SP4 @ Surface** Matrix: Soil Date Received:09.16.2020 10:55

Lab Sample Id: 672627-021 Date Collected: 09.14.2020 00:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.16.2020 15:50 Basis: Wet Weight

Seq Number: 3137351

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**1180**	4.98	mg/kg	09.16.2020 20:22		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.16.2020 16:00 Basis: Wet Weight

Seq Number: 3137394

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<500	500	mg/kg	09.17.2020 07:41	U	10
Diesel Range Organics (DRO)	C10C28DRO	**42000**	500	mg/kg	09.17.2020 07:41		10
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**3730**	500	mg/kg	09.17.2020 07:41		10
Total TPH	PHC635	**45700**	500	mg/kg	09.17.2020 07:41		10

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	81	%	70-130	09.17.2020 07:41	
o-Terphenyl	84-15-1	114	%	70-130	09.17.2020 07:41	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 672627

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1 Battery

Sample Id:	**SP4 @ Surface**	Matrix:	Soil	Date Received:	09.16.2020 10:55
Lab Sample Id:	672627-021	Date Collected:	09.14.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	AMF			% Moisture:	
Analyst:	AMF	Date Prep:	09.16.2020 16:30	Basis:	Wet Weight
Seq Number:	3137329				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.16.2020 23:03	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.16.2020 23:03	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.16.2020 23:03	U	1
m,p-Xylenes	179601-23-1	<0.00399	0.00399	mg/kg	09.16.2020 23:03	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.16.2020 23:03	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.16.2020 23:03	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.16.2020 23:03	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	09.16.2020 23:03	
1,4-Difluorobenzene	540-36-3	92	%	70-130	09.16.2020 23:03	

eurofins | Environment Testing Xenco

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

eurofins | Environment Testing Xenco

QC Summary 672627

Etech Environmental & Safety Solution, Inc

Graham State #1 Battery

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3137349 — Matrix: Solid — Date Prep: 09.16.2020
MB Sample Id: 7711456-1-BLK — LCS Sample Id: 7711456-1-BKS — LCSD Sample Id: 7711456-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	268	107	268	107	90-110	0	20	mg/kg	09.16.2020 15:44	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3137351 — Matrix: Solid — Date Prep: 09.16.2020
MB Sample Id: 7711458-1-BLK — LCS Sample Id: 7711458-1-BKS — LCSD Sample Id: 7711458-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	256	102	256	102	90-110	0	20	mg/kg	09.16.2020 18:37	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3137349 — Matrix: Soil — Date Prep: 09.16.2020
Parent Sample Id: 672406-013 — MS Sample Id: 672406-013 S — MSD Sample Id: 672406-013 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	95.7	248	358	106	353	104	90-110	1	20	mg/kg	09.16.2020 15:59	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3137349 — Matrix: Soil — Date Prep: 09.16.2020
Parent Sample Id: 672644-005 — MS Sample Id: 672644-005 S — MSD Sample Id: 672644-005 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	174	2500	2930	110	2880	108	90-110	2	20	mg/kg	09.16.2020 17:13	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3137351 — Matrix: Soil — Date Prep: 09.16.2020
Parent Sample Id: 672627-009 — MS Sample Id: 672627-009 S — MSD Sample Id: 672627-009 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	179	250	438	104	437	103	90-110	0	20	mg/kg	09.16.2020 18:52	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3137351 — Matrix: Soil — Date Prep: 09.16.2020
Parent Sample Id: 672627-019 — MS Sample Id: 672627-019 S — MSD Sample Id: 672627-019 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	35.5	250	304	107	303	107	90-110	0	20	mg/kg	09.16.2020 20:06	

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

eurofins | Environment Testing Xenco

QC Summary 672627

Etech Environmental & Safety Solution, Inc

Graham State #1 Battery

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3137392 — Matrix: Solid — Date Prep: 09.16.2020
MB Sample Id: 7711486-1-BLK — LCS Sample Id: 7711486-1-BKS — LCSD Sample Id: 7711486-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	970	97	977	98	70-130	1	20	mg/kg	09.16.2020 12:25	
Diesel Range Organics (DRO)	<50.0	1000	999	100	1020	102	70-130	2	20	mg/kg	09.16.2020 12:25	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	85		95		98		70-130	%	09.16.2020 12:25
o-Terphenyl	96		97		105		70-130	%	09.16.2020 12:25

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3137394 — Matrix: Solid — Date Prep: 09.16.2020
MB Sample Id: 7711487-1-BLK — LCS Sample Id: 7711487-1-BKS — LCSD Sample Id: 7711487-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	988	99	956	96	70-130	3	20	mg/kg	09.16.2020 21:09	
Diesel Range Organics (DRO)	<50.0	1000	1010	101	980	98	70-130	3	20	mg/kg	09.16.2020 21:09	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	87		99		95		70-130	%	09.16.2020 21:09
o-Terphenyl	99		103		99		70-130	%	09.16.2020 21:09

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3137392 — Matrix: Solid — Date Prep: 09.16.2020
MB Sample Id: 7711486-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	09.16.2020 12:05	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3137394 — Matrix: Solid — Date Prep: 09.16.2020
MB Sample Id: 7711487-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	09.16.2020 20:50	

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

eurofins | Environment Testing Xenco

QC Summary 672627

Etech Environmental & Safety Solution, Inc

Graham State #1 Battery

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3137392 — Matrix: Soil — Date Prep: 09.16.2020
Parent Sample Id: 672627-001 — MS Sample Id: 672627-001 S — MSD Sample Id: 672627-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	919	92	939	94	70-130	2	20	mg/kg	09.16.2020 13:23	
Diesel Range Organics (DRO)	<49.9	998	981	98	1020	102	70-130	4	20	mg/kg	09.16.2020 13:23	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	90		94		70-130	%	09.16.2020 13:23
o-Terphenyl	93		93		70-130	%	09.16.2020 13:23

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3137394 — Matrix: Soil — Date Prep: 09.16.2020
Parent Sample Id: 672644-001 — MS Sample Id: 672644-001 S — MSD Sample Id: 672644-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	935	94	946	95	70-130	1	20	mg/kg	09.16.2020 22:07	
Diesel Range Organics (DRO)	<49.9	998	953	95	957	96	70-130	0	20	mg/kg	09.16.2020 22:07	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	91		97		70-130	%	09.16.2020 22:07
o-Terphenyl	93		92		70-130	%	09.16.2020 22:07

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3137303 — Matrix: Solid — Date Prep: 09.16.2020
MB Sample Id: 7711451-1-BLK — LCS Sample Id: 7711451-1-BKS — LCSD Sample Id: 7711451-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.0951	95	0.0961	96	70-130	1	35	mg/kg	09.16.2020 09:37	
Toluene	<0.00200	0.100	0.0978	98	0.0967	97	70-130	1	35	mg/kg	09.16.2020 09:37	
Ethylbenzene	<0.00200	0.100	0.103	103	0.0970	97	70-130	6	35	mg/kg	09.16.2020 09:37	
m,p-Xylenes	<0.00400	0.200	0.203	102	0.186	93	70-130	9	35	mg/kg	09.16.2020 09:37	
o-Xylene	<0.00200	0.100	0.0982	98	0.0898	90	70-130	9	35	mg/kg	09.16.2020 09:37	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	95		99		101		70-130	%	09.16.2020 09:37
4-Bromofluorobenzene	74		102		93		70-130	%	09.16.2020 09:37

MS/MSD Percent Recovery [D] = 100*(C-A) / B
Relative Percent Difference RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery [D] = 100 * (C) / [B]
Log Difference Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

eurofins | Environment Testing Xenco

QC Summary 672627

Etech Environmental & Safety Solution, Inc

Graham State #1 Battery

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3137329 — Matrix: Solid — Date Prep: 09.16.2020
MB Sample Id: 7711478-1-BLK — LCS Sample Id: 7711478-1-BKS — LCSD Sample Id: 7711478-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.103	103	0.102	102	70-130	1	35	mg/kg	09.16.2020 17:44	
Toluene	<0.00200	0.100	0.105	105	0.106	106	70-130	1	35	mg/kg	09.16.2020 17:44	
Ethylbenzene	<0.00200	0.100	0.103	103	0.102	102	70-130	1	35	mg/kg	09.16.2020 17:44	
m,p-Xylenes	<0.00400	0.200	0.220	110	0.217	109	70-130	1	35	mg/kg	09.16.2020 17:44	
o-Xylene	<0.00200	0.100	0.108	108	0.107	107	70-130	1	35	mg/kg	09.16.2020 17:44	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	86		94		94		70-130	%	09.16.2020 17:44
4-Bromofluorobenzene	94		113		112		70-130	%	09.16.2020 17:44

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3137303 — Matrix: Soil — Date Prep: 09.16.2020
Parent Sample Id: 672543-002 — MS Sample Id: 672543-002 S — MSD Sample Id: 672543-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0996	0.0717	72	0.0793	80	70-130	10	35	mg/kg	09.16.2020 10:18	
Toluene	<0.00199	0.0996	0.0698	70	0.0732	74	70-130	5	35	mg/kg	09.16.2020 10:18	
Ethylbenzene	<0.00199	0.0996	0.0646	65	0.0650	66	70-130	1	35	mg/kg	09.16.2020 10:18	X
m,p-Xylenes	<0.00398	0.199	0.124	62	0.129	65	70-130	4	35	mg/kg	09.16.2020 10:18	X
o-Xylene	0.00282	0.0996	0.0612	59	0.0640	62	70-130	4	35	mg/kg	09.16.2020 10:18	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	100		103		70-130	%	09.16.2020 10:18
4-Bromofluorobenzene	99		109		70-130	%	09.16.2020 10:18

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3137329 — Matrix: Soil — Date Prep: 09.16.2020
Parent Sample Id: 672627-013 — MS Sample Id: 672627-013 S — MSD Sample Id: 672627-013 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00198	0.0992	0.0726	73	0.0648	65	70-130	11	35	mg/kg	09.16.2020 18:25	X
Toluene	<0.00198	0.0992	0.0615	62	0.0563	56	70-130	9	35	mg/kg	09.16.2020 18:25	X
Ethylbenzene	<0.00198	0.0992	0.0473	48	0.0433	43	70-130	9	35	mg/kg	09.16.2020 18:25	X
m,p-Xylenes	<0.00397	0.198	0.0968	49	0.0883	44	70-130	9	35	mg/kg	09.16.2020 18:25	X
o-Xylene	<0.00198	0.0992	0.0472	48	0.0442	44	70-130	7	35	mg/kg	09.16.2020 18:25	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	96		94		70-130	%	09.16.2020 18:25
4-Bromofluorobenzene	103		97		70-130	%	09.16.2020 18:25

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

XENCO

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, El Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

Work Order No: 672687

www.xenco.com Page 1 of 3

Project Manager:	Joel Lowry	Bill to: (if different)	
Company Name:	Etech Environmental & Safety	Company Name:	Endeavor
Address:	3100 Plains Highway	Address:	
City, State ZIP:	Lovington, NM, 88260	City, State ZIP:	
Phone:	575-396-2378	Email:	Email Results to PM@etechenv.com + Client

Work Order Comments

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

Project Name:	Graham State #1 Battery	Turn Around	
Project Number:	12836	Routine:	☑
Project Location	Rural Lea county, NM	Rush:	☐
Sampler's Name:	Miguel Ramirez	Due Date:	
PO #:			

SAMPLE RECEIPT			
Temperature (°C):	2.5/2.1	Temp Blank:	Yes (No)
Received Intact:	(Yes) No	Wet Ice:	(Yes) No
Cooler Custody Seals:	Yes No (N/A)	Thermometer ID	
Sample Custody Seals:	Yes No (N/A)	Correction Factor:	
		Total Containers:	

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	Chloride E300	BTEX 8021	TPH Modified Ext	TPH TX1005
NH1 @ surface	Soil	9.14.20		–	1	X	X	X	
NH1 @ 1'	Soil	9.14.20		1'	1	X	X	X	
NH2 @ surface	Soil	9.14.20		–	1	X	X	X	
NH2 @ 1'	Soil	9.14.20		1'	1	X	X	X	
NH3 @ surface	Soil	9.14.20		–	1	X	X	X	
NH 3 @ 1'	Soil	9.14.20		1'	1	X	X	X	
NH4 @ surface	Soil	9.14.20		–	1	X	X	X	
NH4 @ 1'	Soil	9.14.20		1'	1	X	X	X	
EH1 @ surface	Soil	9.14.20		–	1	X	X	X	
EH1 @ 1'	Soil	9.14.20		1'	1	X	X	X	

ANALYSIS REQUEST

Preservative Codes

HNO3: HN
H2S04: H2
HCL: HL
None: NO
NaOH: Na
MeOH: Me
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471 : Hg**

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 $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		Ezra Cahill	9-15-20 10:19	2 Ezra Cahill		3.0
3				4		9/16/20
5				6		1055

Revised Date 101419 Rev. 2019.1

XENCO

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

Work Order No: 672427

www.xenco.com Page 2 of 3

Project Manager:	Joel Lowry	Bill to: (if different)	
Company Name:	Etech Environmental & Safety	Company Name:	Endeavor
Address:	3100 Plains Highway	Address:	
City, State ZIP:	Lovington, NM, 88260	City, State ZIP:	
Phone:	575-396-2378	Email:	Email Results to PM@etechenv.com + Client

Work Order Comments

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

Project Name:	Graham State #1 Battery	Turn Around	
Project Number:	12836	Routine:	☑
Project Location	Rural Lea County, NM	Rush:	☐
Sampler's Name:	Miguel Ramirez	Due Date:	
PO #:			

SAMPLE RECEIPT

Temperature (°C):	2.5/2.1	Temp Blank: Yes (No)	Wet Ice: (Yes) No
Received Intact:	Yes No	Thermometer ID	
Cooler Custody Seals:	Yes No N/A	Correction Factor:	
Sample Custody Seals:	Yes No N/A	Total Containers:	

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	Chloride E300	BTEX 8021	TPH Modified Ext	TPH TX1005	Sample Comments
SH1 @ surface	Soil	9.14.20		–	1	X	X	X		
SH1 @ 1'	Soil	9.14.20		1'	1	X	X	X		
SH2 @ surface	Soil	9.14.20		–	1	X	X	X		
SH2 @ 1'	Soil	9.14.20		1'	1	X	X	X		
SH3 @ surface	Soil	9.14.20		–	1	X	X	X		
SH3 @ 1'	Soil	9.14.20		1'	1	X	X	X		
SH4 @ surface	Soil	9.14.20		–	1	X	X	X		
SH4 @ 1'	Soil	9.14.20		1'	1	X	X	X		
WH1 @ surface	Soil	9.14.20		–	1	X	X	X		
WH1 @ 1'	Soil	9.14.20		1'	1	X	X	X		

Preservative Codes
HNO3: HN
H2SO4: H2
HCL: HL
None: NO
NaOH: Na
MeOH: Me
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:30pm

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

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 $75.00 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.

3.0

Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1 [signature]	[signature]	9-15-20 10:19	2 [signature]	[signature]	9/16/20 1055
3			4		
5			6		

Revised Date 101419 Rev. 2019.1

XENCO

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

Work Order No: 428697

www.xenco.com Page 3 of 3

Project Manager:	Joel Lowry	Bill to: (if different)	
Company Name:	Etech Environmental & Safety	Company Name:	Endeavor
Address:	3100 Plains Highway	Address:	
City, State ZIP:	Lovington, NM, 88260	City, State ZIP:	
Phone:	575-396-2378	Email:	Email Results to PM@etechenv.com + Client

Work Order Comments

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

Project Name:	Graham State #1 Battery	Turn Around	
Project Number:	12836	Routine:	✓
Project Location	Rural Lea County, NM	Rush:	☐
Sampler's Name:	Miguel Ramirez	Due Date:	
PO #:			

SAMPLE RECEIPT				
Temperature (°C):	2.5	Temp Blank:	Yes (No)	Wet Ice: (Yes) No
Received Intact:	Yes No	Thermometer ID		
Cooler Custody Seals:	Yes No N/A	Correction Factor:		
Sample Custody Seals:	Yes No N/A	Total Containers:		

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	Chloride E300	BTEX 8021	TPH Modified Ext	TPH TX1005
SP4@surface	Soil	9.14.20		—	1	X	X	X	

Preservative Codes

HNO3: HN
H2S04: H2
HCL: HL
None: NO
NaOH: Na
MeOH: Me
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn

Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

3.0

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time		Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		Ezra Cavill	9-15-20 - 10:19	2	Ezra Cavill	BW	9/16/20 1055
3				4			
5				6			

Revised Date 101419 Rev. 2019.1


ORIGIN ID:HOBA
MAIL SERVICES ETC
4008 N GRIMES
HOBBS, NM 88240
UNITED STATES US
ACTWGT: 30.00 LB MAN
CAD: 0103352/CAFE3313
DIMS: 24x14x14 IN
BILL RECIPIENT
TO XENCO HOLD FOR PICKUP
FEDEX EXPRESS SHIP CENTER
FEDEX EXPRESS SHIP CENTER
3600 COUNTY ROAD 1276 SOUTH
MIDLAND TX 79711
(432) 704-5440
INV:
PO:
REF:
DEPT:
FedEx
Express
WED - 16 SEP HOLD
PRIORITY OVERNIGHT
HLD
TRK# 9061 5134 9289
0201
MAFA
TX-US LBB
41 MAFA

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Etech Environmental & Safety Solution, I

Date/ Time Received: 09.16.2020 10.55.00 AM

Work Order #: 672627

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?	2.1	
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6*Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Any missing/extra samples?	**No**	
#9 Chain of Custody signed when relinquished/ received?	**Yes**	
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**	
#11 Container label(s) legible and intact?	**Yes**	
#12 Samples in proper container/ bottle?	**Yes**	BTEX was in bulk container
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**N/A**	
#18 Water VOC samples have zero headspace?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 09.16.2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 09.16.2020
Jessica Kramer

eurofins | Environment Testing Xenco

Certificate of Analysis Summary 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Graham State #1

Project Id: 12836
Contact: PM
Project Location: Rural Lea County, NM

Date Received in Lab: Wed 09.23.2020 11:13
Report Date: 09.28.2020 14:55
Project Manager: Jessica Kramer

Analysis Requested													
	Lab Id:	673278-001		673278-002		673278-003		673278-004		673278-005		673278-006	
	Field Id:	SP1 @ Surface		SP1 @ 6'		SP2 @ Surface		SP2 @ 6'		SP3 @ Surface		SP3 @ 4'	
	Depth:			6- ft				6- ft				4- ft	
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	09.22.2020 00:00		09.22.2020 00:00		09.22.2020 00:00		09.22.2020 00:00		09.22.2020 00:00		09.22.2020 00:00	
BTEX by EPA 8021B	***Extracted:***	09.26.2020 11:15		09.26.2020 11:15		09.26.2020 11:15		09.26.2020 11:15		09.26.2020 14:05		09.26.2020 14:05	
	Analyzed:	09.27.2020 18:35		09.26.2020 21:04		09.26.2020 21:25		09.26.2020 21:45		09.27.2020 01:50		09.27.2020 02:11	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Benzene		0.291	0.0202	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200
Toluene		1.13	0.0202	<0.00200	0.00200	<0.00200	0.00200	<0.00202	0.00202	<0.00200	0.00200	<0.00200	0.00200
Ethylbenzene		5.44 D	0.202	<0.00200	0.00200	0.0127	0.00200	<0.00202	0.00202	0.00862	0.00200	<0.00200	0.00200
m,p-Xylenes		27.9 D	0.403	<0.00401	0.00401	0.0278	0.00401	<0.00404	0.00404	0.0249	0.00399	<0.00401	0.00401
o-Xylene		19.2 D	0.202	<0.00200	0.00200	0.0116	0.00200	<0.00202	0.00202	0.0122	0.00200	<0.00200	0.00200
Total Xylenes		47.1	0.202	<0.00200	0.00200	0.0394	0.00200	<0.00202	0.00202	0.0371	0.00200	<0.00200	0.00200
Total BTEX		54.0	0.0202	<0.00200	0.00200	0.0521	0.00200	<0.00202	0.00202	0.0457	0.00200	<0.00200	0.00200
Chloride by EPA 300	***Extracted:***	09.24.2020 15:15		09.24.2020 15:15		09.24.2020 15:15		09.24.2020 15:15		09.24.2020 15:15		09.24.2020 15:15	
	Analyzed:	09.24.2020 18:23		09.24.2020 18:39		09.24.2020 18:44		09.24.2020 19:00		09.24.2020 19:06		09.24.2020 19:11	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		5060 X	50.2	151	4.98	4350	49.5	197	5.04	449	4.99	370	5.00
TPH By SW8015 Mod	***Extracted:***	09.23.2020 16:00		09.23.2020 16:00		09.23.2020 16:00		09.23.2020 16:00		09.23.2020 16:00		09.23.2020 16:00	
	Analyzed:	09.23.2020 20:49		09.23.2020 19:43		09.23.2020 21:11		09.23.2020 21:33		09.24.2020 08:50		09.24.2020 07:46	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Gasoline Range Hydrocarbons (GRO)		2170	249	<50.0	50.0	318	250	<50.0	50.0	<998	998	<49.8	49.8
Diesel Range Organics (DRO)		34900	249	<50.0	50.0	37600	250	<50.0	50.0	69900	998	65.0	49.8
Motor Oil Range Hydrocarbons (MRO)		3880	249	<50.0	50.0	5240	250	<50.0	50.0	9420	998	<49.8	49.8
Total TPH		41000	249	<50.0	50.0	43200	250	<50.0	50.0	79300	998	65.0	49.8

BRL - Below Reporting Limit

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

Jessica Kramer

eurofins | Environment Testing Xenco

Certificate of Analysis Summary 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Graham State #1

Project Id: 12836
Contact: PM
Project Location: Rural Lea County, NM

Date Received in Lab: Wed 09.23.2020 11:13
Report Date: 09.28.2020 14:55
Project Manager: Jessica Kramer

Analysis Requested									
	Lab Id:	673278-007		673278-008					
	Field Id:	SP4 @ 4'		SH2B @ Surface					
	Depth:	4- ft							
	Matrix:	SOIL		SOIL					
	Sampled:	09.22.2020 00:00		09.22.2020 00:00					
BTEX by EPA 8021B	***Extracted:***	09.26.2020 14:05		09.26.2020 14:05					
	Analyzed:	09.27.2020 02:31		09.27.2020 02:52					
	Units/RL:	mg/kg	RL	mg/kg	RL				
Benzene		<0.00202	0.00202	<0.00202	0.00202				
Toluene		<0.00202	0.00202	<0.00202	0.00202				
Ethylbenzene		<0.00202	0.00202	<0.00202	0.00202				
m,p-Xylenes		<0.00403	0.00403	<0.00404	0.00404				
o-Xylene		<0.00202	0.00202	<0.00202	0.00202				
Total Xylenes		<0.00202	0.00202	<0.00202	0.00202				
Total BTEX		<0.00202	0.00202	<0.00202	0.00202				
Chloride by EPA 300	***Extracted:***	09.24.2020 15:15		09.24.2020 15:15					
	Analyzed:	09.24.2020 19:16		09.24.2020 19:21					
	Units/RL:	mg/kg	RL	mg/kg	RL				
Chloride		452	5.00	18.0	5.05				
TPH By SW8015 Mod	***Extracted:***	09.23.2020 16:00		09.23.2020 16:00					
	Analyzed:	09.23.2020 22:39		09.23.2020 23:01					
	Units/RL:	mg/kg	RL	mg/kg	RL				
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0	<50.0	50.0				
Diesel Range Organics (DRO)		<50.0	50.0	<50.0	50.0				
Motor Oil Range Hydrocarbons (MRO)		<50.0	50.0	<50.0	50.0				
Total TPH		<50.0	50.0	<50.0	50.0				

BRL - Below Reporting Limit

Jessica Kramer

eurofins | Environment Testing Xenco

Analytical Report 673278

for

Etech Environmental & Safety Solution, Inc

Project Manager: PM

Graham State #1

12836

09.28.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)

eurofins | Environment Testing Xenco

09.28.2020

Project Manager: **PM**
Etech Environmental & Safety Solution, Inc
P.O. Box 62228
Midland, TX 79711

Reference: Eurofins Xenco, LLC Report No(s): **673278**
Graham State #1
Project Address: Rural Lea County, NM

PM :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 673278. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 673278 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

eurofins | Environment Testing Xenco

Sample Cross Reference 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
SP1 @ Surface	S	09.22.2020 00:00		673278-001
SP1 @ 6'	S	09.22.2020 00:00	6 ft	673278-002
SP2 @ Surface	S	09.22.2020 00:00		673278-003
SP2 @ 6'	S	09.22.2020 00:00	6 ft	673278-004
SP3 @ Surface	S	09.22.2020 00:00		673278-005
SP3 @ 4'	S	09.22.2020 00:00	4 ft	673278-006
SP4 @ 4'	S	09.22.2020 00:00	4 ft	673278-007
SH2B @ Surface	S	09.22.2020 00:00		673278-008

CASE NARRATIVE

eurofins | Environment Testing Xenco

Client Name: Etech Environmental & Safety Solution, Inc

Project Name: Graham State #1

Project ID: *12836*
Work Order Number(s): *673278*

Report Date: *09.28.2020*
Date Received: *09.23.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3138086 Chloride by EPA 300

Lab Sample ID 673278-001 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 673278-001, -002, -003, -004, -005, -006, -007, -008. The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3138195 BTEX by EPA 8021B

Surrogate 1,4-Difluorobenzene recovered below QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 673278-001.
Surrogate 4-Bromofluorobenzene recovered above QC limits. Matrix interferences is suspected; data confirmed by re-analysis.
Samples affected are: 673278-001.

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP1 @ Surface**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-001	Date Collected:	09.22.2020 00:00		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.24.2020 15:15	Basis:	Wet Weight
Seq Number:	3138086				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**5060**	50.2	mg/kg	09.24.2020 18:23	X	10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.23.2020 16:00	Basis:	Wet Weight
Seq Number:	3138027				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**2170**	249	mg/kg	09.23.2020 20:49		5
Diesel Range Organics (DRO)	C10C28DRO	**34900**	249	mg/kg	09.23.2020 20:49		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**3880**	249	mg/kg	09.23.2020 20:49		5
Total TPH	PHC635	**41000**	249	mg/kg	09.23.2020 20:49		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	121	%	70-130	09.23.2020 20:49	
o-Terphenyl	84-15-1	116	%	70-130	09.23.2020 20:49	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP1 @ Surface**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-001	Date Collected:	09.22.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.2020 11:15	Basis:	Wet Weight
Seq Number:	3138195				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	**0.291**	0.0202	mg/kg	09.27.2020 18:35		10
Toluene	108-88-3	**1.13**	0.0202	mg/kg	09.27.2020 18:35		10
Ethylbenzene	100-41-4	**5.44**	0.202	mg/kg	09.26.2020 22:06	D	100
m,p-Xylenes	179601-23-1	**27.9**	0.403	mg/kg	09.26.2020 22:06	D	100
o-Xylene	95-47-6	**19.2**	0.202	mg/kg	09.26.2020 22:06	D	100
Total Xylenes	1330-20-7	**47.1**	0.202	mg/kg	09.26.2020 22:06		100
Total BTEX		**54.0**	0.0202	mg/kg	09.26.2020 22:06		100

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	38	%	70-130	09.27.2020 18:35	***
4-Bromofluorobenzene	460-00-4	1670	%	70-130	09.27.2020 18:35	**

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP1 @ 6'**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-002	Date Collected:	09.22.2020 00:00	Sample Depth:	6 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.24.2020 15:15	Basis:	Wet Weight
Seq Number:	3138086				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**151**	4.98	mg/kg	09.24.2020 18:39		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.23.2020 16:00	Basis:	Wet Weight
Seq Number:	3138027				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.23.2020 19:43	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.23.2020 19:43	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.23.2020 19:43	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.23.2020 19:43	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	09.23.2020 19:43	
o-Terphenyl	84-15-1	98	%	70-130	09.23.2020 19:43	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP1 @ 6'**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-002	Date Collected:	09.22.2020 00:00	Sample Depth:	6 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.2020 11:15	Basis:	Wet Weight
Seq Number:	3138195				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.26.2020 21:04	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.26.2020 21:04	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.26.2020 21:04	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.26.2020 21:04	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.26.2020 21:04	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.26.2020 21:04	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.26.2020 21:04	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	105	%	70-130	09.26.2020 21:04	
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.26.2020 21:04	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP2 @ Surface**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-003	Date Collected:	09.22.2020 00:00		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.24.2020 15:15	Basis:	Wet Weight
Seq Number:	3138086				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**4350**	49.5	mg/kg	09.24.2020 18:44		10

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.23.2020 16:00	Basis:	Wet Weight
Seq Number:	3138027				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	**318**	250	mg/kg	09.23.2020 21:11		5
Diesel Range Organics (DRO)	C10C28DRO	**37600**	250	mg/kg	09.23.2020 21:11		5
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**5240**	250	mg/kg	09.23.2020 21:11		5
Total TPH	PHC635	**43200**	250	mg/kg	09.23.2020 21:11		5

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	105	%	70-130	09.23.2020 21:11	
o-Terphenyl	84-15-1	108	%	70-130	09.23.2020 21:11	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP2 @ Surface**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-003	Date Collected:	09.22.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.2020 11:15	Basis:	Wet Weight
Seq Number:	3138195				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.26.2020 21:25	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.26.2020 21:25	U	1
Ethylbenzene	100-41-4	**0.0127**	0.00200	mg/kg	09.26.2020 21:25		1
m,p-Xylenes	179601-23-1	**0.0278**	0.00401	mg/kg	09.26.2020 21:25		1
o-Xylene	95-47-6	**0.0116**	0.00200	mg/kg	09.26.2020 21:25		1
Total Xylenes	1330-20-7	**0.0394**	0.00200	mg/kg	09.26.2020 21:25		1
Total BTEX		**0.0521**	0.00200	mg/kg	09.26.2020 21:25		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	95	%	70-130	09.26.2020 21:25	
4-Bromofluorobenzene	460-00-4	100	%	70-130	09.26.2020 21:25	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP2 @ 6'**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-004	Date Collected:	09.22.2020 00:00	Sample Depth:	6 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.24.2020 15:15	Basis:	Wet Weight
Seq Number:	3138086				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**197**	5.04	mg/kg	09.24.2020 19:00		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.23.2020 16:00	Basis:	Wet Weight
Seq Number:	3138027				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.23.2020 21:33	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.23.2020 21:33	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.23.2020 21:33	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.23.2020 21:33	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	83	%	70-130	09.23.2020 21:33	
o-Terphenyl	84-15-1	86	%	70-130	09.23.2020 21:33	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP2 @ 6'**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-004	Date Collected:	09.22.2020 00:00	Sample Depth:	6 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.2020 11:15	Basis:	Wet Weight
Seq Number:	3138195				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.26.2020 21:45	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.26.2020 21:45	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.26.2020 21:45	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	09.26.2020 21:45	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.26.2020 21:45	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.26.2020 21:45	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.26.2020 21:45	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.26.2020 21:45	
4-Bromofluorobenzene	460-00-4	109	%	70-130	09.26.2020 21:45	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP3 @ Surface**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-005	Date Collected:	09.22.2020 00:00		

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.24.2020 15:15	Basis:	Wet Weight
Seq Number:	3138086				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**449**	4.99	mg/kg	09.24.2020 19:06		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.23.2020 16:00	Basis:	Wet Weight
Seq Number:	3138027				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<998	998	mg/kg	09.24.2020 08:50	U	20
Diesel Range Organics (DRO)	C10C28DRO	**69900**	998	mg/kg	09.24.2020 08:50		20
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	**9420**	998	mg/kg	09.24.2020 08:50		20
Total TPH	PHC635	**79300**	998	mg/kg	09.24.2020 08:50		20

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	95	%	70-130	09.24.2020 08:50	
o-Terphenyl	84-15-1	108	%	70-130	09.24.2020 08:50	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP3 @ Surface**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-005	Date Collected:	09.22.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.2020 14:05	Basis:	Wet Weight
Seq Number:	3138196				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.2020 01:50	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.2020 01:50	U	1
Ethylbenzene	100-41-4	**0.00862**	0.00200	mg/kg	09.27.2020 01:50		1
m,p-Xylenes	179601-23-1	**0.0249**	0.00399	mg/kg	09.27.2020 01:50		1
o-Xylene	95-47-6	**0.0122**	0.00200	mg/kg	09.27.2020 01:50		1
Total Xylenes	1330-20-7	**0.0371**	0.00200	mg/kg	09.27.2020 01:50		1
Total BTEX		**0.0457**	0.00200	mg/kg	09.27.2020 01:50		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	93	%	70-130	09.27.2020 01:50	
4-Bromofluorobenzene	460-00-4	91	%	70-130	09.27.2020 01:50	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP3 @ 4'**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-006	Date Collected:	09.22.2020 00:00	Sample Depth:	4 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.24.2020 15:15	Basis:	Wet Weight
Seq Number:	3138086				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**370**	5.00	mg/kg	09.24.2020 19:11		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.23.2020 16:00	Basis:	Wet Weight
Seq Number:	3138027				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8	mg/kg	09.24.2020 07:46	U	1
Diesel Range Organics (DRO)	C10C28DRO	**65.0**	49.8	mg/kg	09.24.2020 07:46		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8	mg/kg	09.24.2020 07:46	U	1
Total TPH	PHC635	**65.0**	49.8	mg/kg	09.24.2020 07:46		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	85	%	70-130	09.24.2020 07:46	
o-Terphenyl	84-15-1	91	%	70-130	09.24.2020 07:46	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP3 @ 4'**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-006	Date Collected:	09.22.2020 00:00	Sample Depth:	4 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.2020 14:05	Basis:	Wet Weight
Seq Number:	3138196				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00200	0.00200	mg/kg	09.27.2020 02:11	U	1
Toluene	108-88-3	<0.00200	0.00200	mg/kg	09.27.2020 02:11	U	1
Ethylbenzene	100-41-4	<0.00200	0.00200	mg/kg	09.27.2020 02:11	U	1
m,p-Xylenes	179601-23-1	<0.00401	0.00401	mg/kg	09.27.2020 02:11	U	1
o-Xylene	95-47-6	<0.00200	0.00200	mg/kg	09.27.2020 02:11	U	1
Total Xylenes	1330-20-7	<0.00200	0.00200	mg/kg	09.27.2020 02:11	U	1
Total BTEX		<0.00200	0.00200	mg/kg	09.27.2020 02:11	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	107	%	70-130	09.27.2020 02:11	
1,4-Difluorobenzene	540-36-3	101	%	70-130	09.27.2020 02:11	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP4 @ 4'**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-007	Date Collected:	09.22.2020 00:00	Sample Depth:	4 ft

Analytical Method:	Chloride by EPA 300			Prep Method:	E300P
Tech:	CHE			% Moisture:	
Analyst:	CHE	Date Prep:	09.24.2020 15:15	Basis:	Wet Weight
Seq Number:	3138086				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**452**	5.00	mg/kg	09.24.2020 19:16		1

Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM			% Moisture:	
Analyst:	ARM	Date Prep:	09.23.2020 16:00	Basis:	Wet Weight
Seq Number:	3138027				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.23.2020 22:39	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.23.2020 22:39	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.23.2020 22:39	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.23.2020 22:39	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	84	%	70-130	09.23.2020 22:39	
o-Terphenyl	84-15-1	84	%	70-130	09.23.2020 22:39	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SP4 @ 4'**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-007	Date Collected:	09.22.2020 00:00	Sample Depth:	4 ft
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.2020 14:05	Basis:	Wet Weight
Seq Number:	3138196				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.27.2020 02:31	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.27.2020 02:31	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.27.2020 02:31	U	1
m,p-Xylenes	179601-23-1	<0.00403	0.00403	mg/kg	09.27.2020 02:31	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.27.2020 02:31	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.27.2020 02:31	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.27.2020 02:31	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
4-Bromofluorobenzene	460-00-4	103	%	70-130	09.27.2020 02:31	
1,4-Difluorobenzene	540-36-3	100	%	70-130	09.27.2020 02:31	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id: **SH2B @ Surface** Matrix: Soil Date Received:09.23.2020 11:13

Lab Sample Id: 673278-008 Date Collected: 09.22.2020 00:00

Analytical Method: Chloride by EPA 300 Prep Method: E300P

Tech: CHE % Moisture:

Analyst: CHE Date Prep: 09.24.2020 15:15 Basis: Wet Weight

Seq Number: 3138086

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	**18.0**	5.05	mg/kg	09.24.2020 19:21		1

Analytical Method: TPH By SW8015 Mod Prep Method: SW8015P

Tech: DVM % Moisture:

Analyst: ARM Date Prep: 09.23.2020 16:00 Basis: Wet Weight

Seq Number: 3138027

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<50.0	50.0	mg/kg	09.23.2020 23:01	U	1
Diesel Range Organics (DRO)	C10C28DRO	<50.0	50.0	mg/kg	09.23.2020 23:01	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<50.0	50.0	mg/kg	09.23.2020 23:01	U	1
Total TPH	PHC635	<50.0	50.0	mg/kg	09.23.2020 23:01	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	92	%	70-130	09.23.2020 23:01	
o-Terphenyl	84-15-1	89	%	70-130	09.23.2020 23:01	

eurofins | Environment Testing Xenco

Certificate of Analytical Results 673278

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State #1

Sample Id:	**SH2B @ Surface**	Matrix:	Soil	Date Received:	09.23.2020 11:13
Lab Sample Id:	673278-008	Date Collected:	09.22.2020 00:00		
Analytical Method:	BTEX by EPA 8021B			Prep Method:	SW5035A
Tech:	KTL			% Moisture:	
Analyst:	KTL	Date Prep:	09.26.2020 14:05	Basis:	Wet Weight
Seq Number:	3138196				

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Benzene	71-43-2	<0.00202	0.00202	mg/kg	09.27.2020 02:52	U	1
Toluene	108-88-3	<0.00202	0.00202	mg/kg	09.27.2020 02:52	U	1
Ethylbenzene	100-41-4	<0.00202	0.00202	mg/kg	09.27.2020 02:52	U	1
m,p-Xylenes	179601-23-1	<0.00404	0.00404	mg/kg	09.27.2020 02:52	U	1
o-Xylene	95-47-6	<0.00202	0.00202	mg/kg	09.27.2020 02:52	U	1
Total Xylenes	1330-20-7	<0.00202	0.00202	mg/kg	09.27.2020 02:52	U	1
Total BTEX		<0.00202	0.00202	mg/kg	09.27.2020 02:52	U	1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1,4-Difluorobenzene	540-36-3	99	%	70-130	09.27.2020 02:52	
4-Bromofluorobenzene	460-00-4	110	%	70-130	09.27.2020 02:52	

eurofins | Environment Testing Xenco

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

eurofins | Environment Testing Xenco

QC Summary 673278

Etech Environmental & Safety Solution, Inc

Graham State #1

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3138086 — Matrix: Solid — Date Prep: 09.24.2020
MB Sample Id: 7712031-1-BLK — LCS Sample Id: 7712031-1-BKS — LCSD Sample Id: 7712031-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.00	250	249	100	259	104	90-110	4	20	mg/kg	09.24.2020 16:59	

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3138086 — Matrix: Soil — Date Prep: 09.24.2020
Parent Sample Id: 673277-095 — MS Sample Id: 673277-095 S — MSD Sample Id: 673277-095 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	6270	2520	9350	122	9360	123	90-110	0	20	mg/kg	09.24.2020 17:15	X

Analytical Method: Chloride by EPA 300 — Prep Method: E300P
Seq Number: 3138086 — Matrix: Soil — Date Prep: 09.24.2020
Parent Sample Id: 673278-001 — MS Sample Id: 673278-001 S — MSD Sample Id: 673278-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	5060	2510	7790	109	7880	112	90-110	1	20	mg/kg	09.24.2020 18:29	X

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3138027 — Matrix: Solid — Date Prep: 09.23.2020
MB Sample Id: 7711973-1-BLK — LCS Sample Id: 7711973-1-BKS — LCSD Sample Id: 7711973-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	882	88	1030	103	70-130	15	20	mg/kg	09.23.2020 18:58	
Diesel Range Organics (DRO)	<50.0	1000	953	95	985	99	70-130	3	20	mg/kg	09.23.2020 18:58	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	81		85		90		70-130	%	09.23.2020 18:58
o-Terphenyl	80		80		85		70-130	%	09.23.2020 18:58

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3138027 — Matrix: Solid — Date Prep: 09.23.2020
MB Sample Id: 7711973-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	09.23.2020 18:36	

MS/MSD Percent Recovery — [D] = 100*(C-A) / B — LCS = Laboratory Control Sample — MS = Matrix Spike
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) | — A = Parent Result — B = Spike Added
LCS/LCSD Recovery — [D] = 100 * (C) / [B] — C = MS/LCS Result — D = MSD/LCSD % Rec
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample) — E = MSD/LCSD Result

eurofins | Environment Testing Xenco

QC Summary 673278

Etech Environmental & Safety Solution, Inc

Graham State #1

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3138027 — Matrix: Soil — Date Prep: 09.23.2020
Parent Sample Id: 673278-002 — MS Sample Id: 673278-002 S — MSD Sample Id: 673278-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	998	867	87	835	84	70-130	4	20	mg/kg	09.23.2020 20:05	
Diesel Range Organics (DRO)	<49.9	998	891	89	893	90	70-130	0	20	mg/kg	09.23.2020 20:05	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	83		81		70-130	%	09.23.2020 20:05
o-Terphenyl	75		74		70-130	%	09.23.2020 20:05

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3138195 — Matrix: Solid — Date Prep: 09.26.2020
MB Sample Id: 7712144-1-BLK — LCS Sample Id: 7712144-1-BKS — LCSD Sample Id: 7712144-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.108	108	0.112	112	70-130	4	35	mg/kg	09.26.2020 12:11	
Toluene	<0.00200	0.100	0.0995	100	0.103	103	70-130	3	35	mg/kg	09.26.2020 12:11	
Ethylbenzene	<0.00200	0.100	0.106	106	0.110	110	70-130	4	35	mg/kg	09.26.2020 12:11	
m,p-Xylenes	<0.00400	0.200	0.218	109	0.227	114	70-130	4	35	mg/kg	09.26.2020 12:11	
o-Xylene	<0.00200	0.100	0.105	105	0.110	110	70-130	5	35	mg/kg	09.26.2020 12:11	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	97		99		99		70-130	%	09.26.2020 12:11
4-Bromofluorobenzene	95		100		101		70-130	%	09.26.2020 12:11

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3138196 — Matrix: Solid — Date Prep: 09.26.2020
MB Sample Id: 7712145-1-BLK — LCS Sample Id: 7712145-1-BKS — LCSD Sample Id: 7712145-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.100	0.112	112	0.106	106	70-130	6	35	mg/kg	09.26.2020 23:08	
Toluene	<0.00200	0.100	0.101	101	0.0965	97	70-130	5	35	mg/kg	09.26.2020 23:08	
Ethylbenzene	<0.00200	0.100	0.105	105	0.101	101	70-130	4	35	mg/kg	09.26.2020 23:08	
m,p-Xylenes	<0.00400	0.200	0.212	106	0.205	103	70-130	3	35	mg/kg	09.26.2020 23:08	
o-Xylene	<0.00200	0.100	0.104	104	0.100	100	70-130	4	35	mg/kg	09.26.2020 23:08	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		100		98		70-130	%	09.26.2020 23:08
4-Bromofluorobenzene	104		97		97		70-130	%	09.26.2020 23:08

MS/MSD Percent Recovery — [D] = 100*(C-A) / B
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery — [D] = 100 * (C) / [B]
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample — MS = Matrix Spike
A = Parent Result — B = Spike Added
C = MS/LCS Result — D = MSD/LCSD % Rec
E = MSD/LCSD Result

eurofins | Environment Testing Xenco

QC Summary 673278

Etech Environmental & Safety Solution, Inc

Graham State #1

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3138195 — Matrix: Soil — Date Prep: 09.26.2020
Parent Sample Id: 673277-102 — MS Sample Id: 673277-102 S — MSD Sample Id: 673277-102 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00200	0.0998	0.135	135	0.127	127	70-130	6	35	mg/kg	09.26.2020 12:52	X
Toluene	<0.00200	0.0998	0.129	129	0.132	132	70-130	2	35	mg/kg	09.26.2020 12:52	X
Ethylbenzene	<0.00200	0.0998	0.129	129	0.122	122	70-130	6	35	mg/kg	09.26.2020 12:52	
m,p-Xylenes	<0.00399	0.200	0.263	132	0.249	125	70-130	5	35	mg/kg	09.26.2020 12:52	X
o-Xylene	<0.00200	0.0998	0.126	126	0.120	120	70-130	5	35	mg/kg	09.26.2020 12:52	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		101		70-130	%	09.26.2020 12:52
4-Bromofluorobenzene	100		104		70-130	%	09.26.2020 12:52

Analytical Method: BTEX by EPA 8021B — Prep Method: SW5035A
Seq Number: 3138196 — Matrix: Soil — Date Prep: 09.26.2020
Parent Sample Id: 673554-002 — MS Sample Id: 673554-002 S — MSD Sample Id: 673554-002 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	<0.00199	0.0994	0.0701	71	0.0875	87	70-130	22	35	mg/kg	09.26.2020 23:49	
Toluene	<0.00199	0.0994	0.0614	62	0.0783	78	70-130	24	35	mg/kg	09.26.2020 23:49	X
Ethylbenzene	<0.00199	0.0994	0.0598	60	0.0804	80	70-130	29	35	mg/kg	09.26.2020 23:49	X
m,p-Xylenes	<0.00398	0.199	0.120	60	0.162	80	70-130	30	35	mg/kg	09.26.2020 23:49	X
o-Xylene	<0.00199	0.0994	0.0581	58	0.0777	77	70-130	29	35	mg/kg	09.26.2020 23:49	X

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1,4-Difluorobenzene	99		99		70-130	%	09.26.2020 23:49
4-Bromofluorobenzene	100		102		70-130	%	09.26.2020 23:49

MS/MSD Percent Recovery — [D] = 100*(C-A) / B
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery — [D] = 100 * (C) / [B]
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

Work Order No: 673278

www.xenco.com Page 1 of 1

Project Manager:	Joel Lowry	Bill to: (if different)	
Company Name:	Etech Environmental & Safety	Company Name:	Endeavor
Address:	3100 Plains Highway	Address:	
City, State ZIP:	Lovington, NM, 88260	City, State ZIP:	
Phone:	575-396-2378	Email:	Email Results to PM@etechenv.com + Client

Project Name:	Graham State #1
Project Number:	12836
Project Location	Rural Lea County, NM
Sampler's Name:	Miguel Ramirez
PO #:	

Turn Around
Routine: ☑
Rush: ☐
Due Date:

Work Order Comments
Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level I ☐ Level II ☐ PST/US ☐ TRRP ☐ Level IV ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

SAMPLE RECEIPT			
Temperature (°C):	10.6/2.0	Temp Blank: Yes (No)	Wet Ice: (Yes) No
Received Intact:	(Yes) No	Thermometer ID	IR8
Cooler Custody Seals:	Yes No (N/A)	Correction Factor:	+0.5
Sample Custody Seals:	Yes No (N/A)	Total Containers:	

ANALYSIS REQUEST

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	Chloride E300	BTEX 8021	TPH Modified Ext	TPH TX1005
SP1 @ surface	Soil	9.22.20		-	1	X	X	X	
SP1 @ 6'	Soil	9.22.20		6'	1	X	X	X	
SP2 @ surface	Soil	9.22.20		-	1	X	X	X	
SP2 @ 6'	Soil	9.22.20		6'	1	X	X	X	
SP3 @ surface	Soil	9.22.20		-	1	X	X	X	
SP3 @ 4'	Soil	9.22.20		4'	1	X	X	X	
SP4 @ 4'	Soil	9.22.20		4'	1	X	X	X	
SH2B @ surface	Soil	9.22.20		-	1	X	X	X	

Preservative Codes
HNO3: HN
H2S04: H2
HCL: HL
None: NO
NaOH: Na
MeOH: Me
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010:** 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1		EC	9.22.20 3:20			
2				EC		
3						
4						
5						
6						9/23/20 1113

Revised Date 101419 Rev. 2019.1

ORIGIN ID:HOBA
MAIL SERVICES ETC
4008 N GRIMES

HOBBS, NM 88240
UNITED STATES US

ACTWGT: 52.00 LB MAN
CAD: 0103352/CAFE3313
DIMS: 26x15x15 IN

BILL SENDER

22SEP20

TO XENCO HOLD FOR PICKUP
FEDEX EXPRESS SHIP CENTER
FEDEX EXPRESS SHIP CENTER
3600 COUNTY ROAD 1276 SOUTH

MIDLAND TX 79711
(432) 704-5440
INV:
PO:
REF:
DEPT:

FedEx
Express
E

J191219082001uv

565C6/1545/0582

2 of 3
MPS# 0263
9061 5134 9896
Mstr# 9061 5134 9885

WED - 23 SEP HOLD
PRIORITY OVERNIGHT
0201
HLD
MAFA
TX-US LBB

41 MAFA

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Etech Environmental & Safety Solution, I

Date/ Time Received: 09.23.2020 11.13.00 AM

Work Order #: 673278

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist		Comments
#1 *Temperature of cooler(s)?		
#2 *Shipping container in good condition?	**Yes**	
#3 *Samples received on ice?	**Yes**	
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**	
#5 Custody Seals intact on sample bottles?	**N/A**	
#6*Custody Seals Signed and dated?	**N/A**	
#7 *Chain of Custody present?	**Yes**	
#8 Any missing/extra samples?	**No**	
#9 Chain of Custody signed when relinquished/ received?	**Yes**	
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**	
#11 Container label(s) legible and intact?	**Yes**	
#12 Samples in proper container/ bottle?	**Yes**	BTEX was in bulk container
#13 Samples properly preserved?	**Yes**	
#14 Sample container(s) intact?	**Yes**	
#15 Sufficient sample amount for indicated test(s)?	**Yes**	
#16 All samples received within hold time?	**Yes**	
#17 Subcontract of sample(s)?	**N/A**	
#18 Water VOC samples have zero headspace?	**N/A**	

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 09.23.2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 09.23.2020
Jessica Kramer

eurofins | Environment Testing Xenco

Certificate of Analysis Summary 675178

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Graham State 31 Battery

Project Id: 12836
Contact: PM
Project Location: Rural Lea County, NM

Date Received in Lab: Thu 10.15.2020 11:20
Report Date: 10.21.2020 09:18
Project Manager: Jessica Kramer

Analysis Requested								
	Lab Id:	675178-001						
	Field Id:	NH3b @ Surface						
	Depth:	0-2 In						
	Matrix:	SOIL						
	Sampled:	10.13.2020 09:15						
TPH By SW8015 Mod	***Extracted:***	10.16.2020 08:00						
	Analyzed:	10.16.2020 16:28						
	Units/RL:	mg/kg	RL					
Gasoline Range Hydrocarbons (GRO)		<49.9	49.9					
Diesel Range Organics (DRO)		59.9	49.9					
Motor Oil Range Hydrocarbons (MRO)		<49.9	49.9					
Total TPH		59.9	49.9					

BRL - Below Reporting Limit

Jessica Kramer

eurofins | Environment Testing Xenco

Analytical Report 675178

for

Etech Environmental & Safety Solution, Inc

Project Manager: PM

Graham State 31 Battery

12836

10.21.2020

Collected By: Client

1211 W. Florida Ave
Midland TX 79701

Xenco-Houston (EPA Lab Code: TX00122):
Texas (T104704215-20-38), Arizona (AZ0765), Florida (E871002-33), Louisiana (03054)
Oklahoma (2020-014), North Carolina (681), Arkansas (20-035-0)

Xenco-Dallas (EPA Lab Code: TX01468):
Texas (T104704295-20-26), Arizona (AZ0809)

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18)
Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23)
Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21)
Xenco-Carlsbad (LELAP): Louisiana (05092)
Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8)
Xenco-Tampa: Florida (E87429), North Carolina (483)

eurofins | Environment Testing Xenco

10.21.2020

Project Manager: **PM**
Etech Environmental & Safety Solution, Inc
P.O. Box 62228
Midland, TX 79711

Reference: Eurofins Xenco, LLC Report No(s): **675178**
Graham State 31 Battery
Project Address: Rural Lea County, NM

PM :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 675178. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

Unless otherwise noted in a Case Narrative, all data reported in this Analytical Report are in compliance with NELAC standards. The uncertainty of measurement associated with the results of analysis reported is available upon request. Should insufficient sample be provided to the laboratory to meet the method and NELAC Matrix Duplicate and Matrix Spike requirements, then the data will be analyzed, evaluated and reported using all other available quality control measures.

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 675178 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

We thank you for selecting Eurofins Xenco, LLC to serve your analytical needs. If you have any questions concerning this report, please feel free to contact us at any time.

Respectfully,

Jessica Kramer

Jessica Kramer
Project Manager

A Small Business and Minority Company

Houston - Dallas - Midland - Tampa - Phoenix - Lubbock - San Antonio - El Paso - Atlanta - New Mexico

eurofins | Environment Testing Xenco

Sample Cross Reference 675178

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State 31 Battery

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
NH3b @ Surface	S	10.13.2020 09:15	0 - 2 In	675178-001

CASE NARRATIVE

eurofins | Environment Testing Xenco

Client Name: Etech Environmental & Safety Solution, Inc

Project Name: Graham State 31 Battery

Project ID: *12836*
Work Order Number(s): *675178*

Report Date: *10.21.2020*
Date Received: *10.15.2020*

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

eurofins | Environment Testing Xenco

Certificate of Analytical Results 675178

Etech Environmental & Safety Solution, Inc, Midland, TX

Graham State 31 Battery

Sample Id:	**NH3b @ Surface**	Matrix:	Soil	Date Received:	10.15.2020 11:20
Lab Sample Id:	675178-001	Date Collected:	10.13.2020 09:15	Sample Depth:	0 - 2 In
Analytical Method:	TPH By SW8015 Mod			Prep Method:	SW8015P
Tech:	DVM				
Analyst:	ARM	Date Prep:	10.16.2020 08:00	% Moisture:	
Seq Number:	3139996			Basis:	Wet Weight

Parameter	Cas Number	Result	RL	Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.9	49.9	mg/kg	10.16.2020 16:28	U	1
Diesel Range Organics (DRO)	C10C28DRO	**59.9**	49.9	mg/kg	10.16.2020 16:28		1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.9	49.9	mg/kg	10.16.2020 16:28	U	1
Total TPH	PHC635	**59.9**	49.9	mg/kg	10.16.2020 16:28		1

Surrogate	Cas Number	% Recovery	Units	Limits	Analysis Date	Flag
1-Chlorooctane	111-85-3	90	%	70-130	10.16.2020 16:28	
o-Terphenyl	84-15-1	98	%	70-130	10.16.2020 16:28	

eurofins | Environment Testing Xenco

Flagging Criteria

X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.

B A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.

D The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.

E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.

F RPD exceeded lab control limits.

J The target analyte was positively identified below the quantitation limit and above the detection limit.

U Analyte was not detected.

L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.

H The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.

K Sample analyzed outside of recommended hold time.

JN A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL Below Reporting Limit. **ND** Not Detected.

RL Reporting Limit

MDL Method Detection Limit **SDL** Sample Detection Limit **LOD** Limit of Detection

PQL Practical Quantitation Limit **MQL** Method Quantitation Limit **LOQ** Limit of Quantitation

DL Method Detection Limit

NC Non-Calculable

SMP Client Sample **BLK** Method Blank

BKS/LCS Blank Spike/Laboratory Control Sample **BKSD/LCSD** Blank Spike Duplicate/Laboratory Control Sample Duplicate

MD/SD Method Duplicate/Sample Duplicate **MS** Matrix Spike **MSD:** Matrix Spike Duplicate

+ NELAC certification not offered for this compound.

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation

eurofins | Environment Testing Xenco

QC Summary 675178

Etech Environmental & Safety Solution, Inc

Graham State 31 Battery

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3139996 — Matrix: Solid — Date Prep: 10.16.2020
MB Sample Id: 7713451-1-BLK — LCS Sample Id: 7713451-1-BKS — LCSD Sample Id: 7713451-1-BSD

Parameter	MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<50.0	1000	848	85	830	83	70-130	2	20	mg/kg	10.16.2020 09:09	
Diesel Range Organics (DRO)	<50.0	1000	924	92	902	90	70-130	2	20	mg/kg	10.16.2020 09:09	

Surrogate	MB %Rec	MB Flag	LCS %Rec	LCS Flag	LCSD %Rec	LCSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	97		103		94		70-130	%	10.16.2020 09:09
o-Terphenyl	115		108		108		70-130	%	10.16.2020 09:09

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3139996 — Matrix: Solid — Date Prep: 10.16.2020
MB Sample Id: 7713451-1-BLK

Parameter	MB Result	Units	Analysis Date	Flag
Motor Oil Range Hydrocarbons (MRO)	<50.0	mg/kg	10.16.2020 08:50	

Analytical Method: TPH By SW8015 Mod — Prep Method: SW8015P
Seq Number: 3139996 — Matrix: Soil — Date Prep: 10.16.2020
Parent Sample Id: 675213-001 — MS Sample Id: 675213-001 S — MSD Sample Id: 675213-001 SD

Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbons (GRO)	<49.9	997	802	80	824	82	70-130	3	20	mg/kg	10.16.2020 10:06	
Diesel Range Organics (DRO)	80.8	997	915	84	937	86	70-130	2	20	mg/kg	10.16.2020 10:06	

Surrogate	MS %Rec	MS Flag	MSD %Rec	MSD Flag	Limits	Units	Analysis Date
1-Chlorooctane	99		101		70-130	%	10.16.2020 10:06
o-Terphenyl	97		100		70-130	%	10.16.2020 10:06

MS/MSD Percent Recovery — [D] = 100*(C-A) / B
Relative Percent Difference — RPD = 200* | (C-E) / (C+E) |
LCS/LCSD Recovery — [D] = 100 * (C) / [B]
Log Difference — Log Diff. = Log(Sample Duplicate) - Log(Original Sample)

LCS = Laboratory Control Sample
A = Parent Result
C = MS/LCS Result
E = MSD/LCSD Result

MS = Matrix Spike
B = Spike Added
D = MSD/LCSD % Rec

Final 1.000

Chain of Custody

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300, San Antonio, TX (210) 509-3334
Midland, TX (432) 704-5440, EL Paso, TX (915) 585-3443, Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199, Phoenix, AZ (480) 355-0900
Tampa, FL (813) 620-2000, Tallahassee, FL (850) 756-0747, Delray Beach, FL (561) 689-6701
Atlanta, GA (770) 449-8800

Work Order No: 675178

www.xenco.com Page 1 of 1

Project Manager:	Joel Lowry	Bill to: (if different)	Teffanie Fawks
Company Name:	Etech Environmental and Safety	Company Name:	Endeavor
Address:	3100 Plains Hwy	Address:	
City, State ZIP:	Lovington, NM, 88260	City, State ZIP:	
Phone:	575-396-2378 Email:	Email Results to: PM@etechenv.com + Client	

Work Order Comments

Program: UST/PST ☐ PRP ☐ Brownfield ☐ RRC ☐ Superfund ☐
State of Project:
Reporting: Level I ☐ Level ☐ PST/US ☐ TRP ☐ Level V ☐
Deliverables: EDD ☐ ADaPT ☐ Other:

Project Name:	Graham State #1 Battery	Turn Around	
Project Number:	12836	Routine:	X
Project Location	Rural Lea County, NM	Rush:	☐
Sampler's Name:	Matthew Grieco	Due Date:	
PO #:			

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

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Number of Containers/Preservative Code	BTEX (SW 846 8021B)	TPH (SW 846 8015M Ext.)	Cl- (4500 Cl)
NH3b @ Surface	Soil	10/13/2020	9:15	0-2"	1/NO		X	

Preservative Codes

HNO3: HN
H2S04: H2
HCL: HL
None: NO
NaOH: Na
MeOH: Me
Zn Acetate+ NaOH: Zn

TAT starts the day recevied by the lab, if received by 4:30pm

Sample Comments

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO2 Na Sr Tl Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed **TCLP / SPLP 6010**: 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Tl U **1631 / 245.1 / 7470 / 7471** : Hg

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 $75.00 will be applied to each project and a charge of $5 for each sample submitted to Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

	Relinquished by: (Signature)	Received by: (Signature)	Date/Time	Relinquished by: (Signature)	Received by: (Signature)	Date/Time
1			10-14-20 3:15	2		10/15
3				4		1120
5				6		

Revised Date101419 Rev. 2019.1


ORIGIN ID:HOBA
MAIL SERVICES ETC
4008 N GRIMES
HOBBS, NM 88240
UNITED STATES US
ACTWGT: 4.00 LB MAN
CAD: 0103352/CAFE3313
DIMS: 15x9x9 IN
BILL RECIPIENT
TO XENCO HOLD FOR PICKUP
FEDEX EXPRESS SHIP CENTER
FEDEX EXPRESS SHIP CENTER
3600 COUNTY ROAD 1276 SOUTH
MIDLAND TX 79711
(432) 704-5440
INV:
PO:
REF:
DEPT:
FedEx
Express
TRK#
0201
9061 5135 1473
THU - 15 OCT HOLD
PRIORITY OVERNIGHT
41 MAFA
HLD
MAFA
TX-US LBB

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Etech Environmental & Safety Solution, I

Date/ Time Received: 10.15.2020 11.20.00 AM

Work Order #: 675178

Acceptable Temperature Range: 0 - 6 degC
Air and Metal samples Acceptable Range: Ambient

Temperature Measuring device used : IR-8

Sample Receipt Checklist	Comments
#1 *Temperature of cooler(s)?	
#2 *Shipping container in good condition?	**Yes**
#3 *Samples received on ice?	**Yes**
#4 *Custody Seals intact on shipping container/ cooler?	**N/A**
#5 Custody Seals intact on sample bottles?	**N/A**
#6*Custody Seals Signed and dated?	**N/A**
#7 *Chain of Custody present?	**Yes**
#8 Any missing/extra samples?	**No**
#9 Chain of Custody signed when relinquished/ received?	**Yes**
#10 Chain of Custody agrees with sample labels/matrix?	**Yes**
#11 Container label(s) legible and intact?	**Yes**
#12 Samples in proper container/ bottle?	**Yes**
#13 Samples properly preserved?	**Yes**
#14 Sample container(s) intact?	**Yes**
#15 Sufficient sample amount for indicated test(s)?	**Yes**
#16 All samples received within hold time?	**Yes**
#17 Subcontract of sample(s)?	**N/A**
#18 Water VOC samples have zero headspace?	**N/A**

*** Must be completed for after-hours delivery of samples prior to placing in the refrigerator**

Analyst: PH Device/Lot#:

Checklist completed by: Brianna Teel Date: 10.15.2020
Brianna Teel

Checklist reviewed by: Jessica Kramer Date: 10.15.2020
Jessica Kramer

Appendix D
Photographic Log

Photographic Log

Photo Number: 1	
Photo Direction: Northeast	
Photo Description: Initial spill in tank battery.	

Photo Number: 2	
Photo Direction: East	
Photo Description: Initial spill in tank battery.	

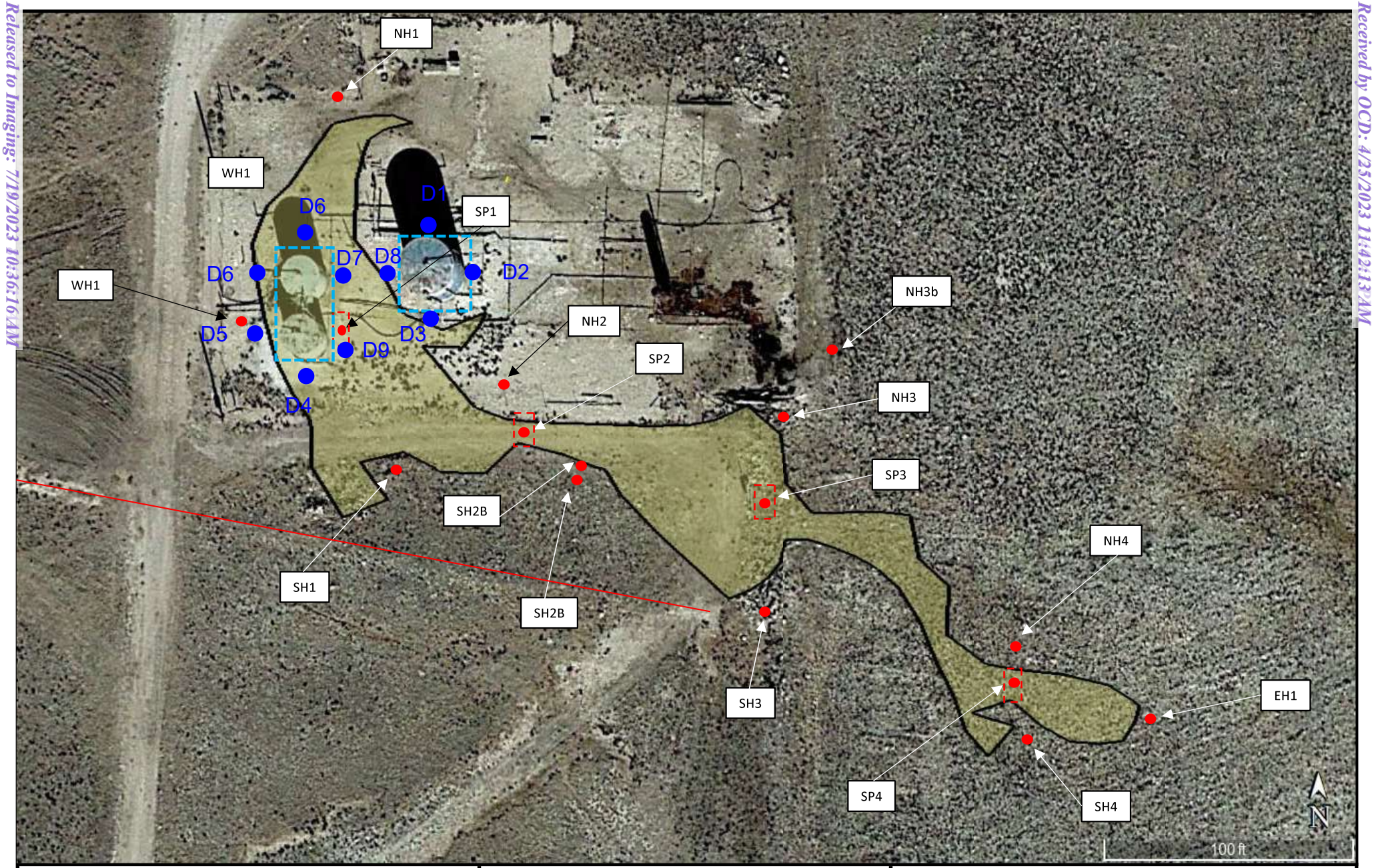
Photographic Log

Photo Number: 3	
Photo Direction: Southeast	
Photo Description: Initial spill in tank battery and spillover to the south.	

Photo Number: 4	
Photo Direction: South	
Photo Description: Initial spill in tank battery and spillover to the south.	

Photographic Log

Photo Number: 5	
Photo Direction: Northwest	
Photo Description: Initial spill in southeast pasture during test trench excavation.	



Legend:

- Affected Area
- Sample Point
- Test Trench
- Proposed Deferral

Figure 1

Site Diagram
Graham State #1 Battery
Endeavor Energy Resources, LP
GPS: 33.388477, -103.600291

eTECH Environmental & Safety Solutions, Inc.

Drafted: lc Checked: jwl Date: 10/29/20

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

COMMENTS

Action 18226

COMMENTS

Operator: ENDEAVOR ENERGY RESOURCES, LP 110 North Marienfeld Midland, TX 79701	OGRID: 190595
	Action Number: 18226
	Action Type: [C-141] Release Corrective Action (C-141)

COMMENTS

Created By	Comment	Comment Date
ceads	Waiting to receive a copy of C-141 with Teffanie Fawks signature	7/22/2021

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

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

CONDITIONS

Action 18226

CONDITIONS

Operator: ENDEAVOR ENERGY RESOURCES, LP 110 North Marienfeld Midland, TX 79701	OGRID: 190595
	Action Number: 18226
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	For deferral to be considered, please fully delineate areas to be deferred. Areas to be sampled (D1-D10) are added to the portal under deferral map.	7/28/2021
chensley	With DTW at 38bgs. samples need not be representative of more than 200 square feet. Please collect more samples, representing no more than 200 square feet.	7/28/2021

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

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

CONDITIONS

Operator: ENDEAVOR ENERGY RESOURCES, LP 110 North Marienfeld Midland, TX 79701	OGRID: 190595
	Action Number: 210503
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	Deferral request approved. Remediation Due date left open until plug and abandonment of the facility is completed.	7/19/2023