

Incident ID	nAPP2311029101
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

Page 4

Incident ID	nAPP2311029101
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: Connor Walker Title: Sr. Engineer
Signature:  Date: 7/10/2023
email: cwalker@mewbourne.com Telephone: (806)202-5281

OCD Only

Received by: Shelly Wells Date: 7/10/2023

Incident ID	nAPP2311029101
District RP	
Facility ID	
Application ID	

Closure

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

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

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

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

Printed Name: Connor Walker Title: Sr. Engineer
 Signature:  Date: 7/10/2023
 email: cwalker@mewbourne.com Telephone: (806)202-5281

OCD Only

Received by: Shelly Wells Date: 7/10/2023

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

Closure Approved by:  Date: 10/02/2023
 Printed Name: Nelson Velez Title: Environmental Specialist - Adv

Remediation Summary & Soil Closure Request

Mewbourne Oil Company Antelope 9 B3OB St Com #1H Battery

Lea County, New Mexico
Unit Letter "N", Section 9, Township 23 South, Range 34 East
Latitude 32.3128910 North, Longitude 103.477474 West
NMOCD Reference No. nAPP2311029101

Prepared By:

Etech Environmental & Safety Solutions, Inc.

6309 Indiana Ave, Ste. D
Lubbock, Texas 79413



Ben J. Arguijo



Lance Crenshaw



Midland • San Antonio • Lubbock • Hobbs • Lafayette

TABLE OF CONTENTS

	<i>Section</i>
PROJECT INFORMATION.....	1.0
SITE CHARACTERIZATION.....	2.0
CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE.....	3.0
REMEDIAION ACTIVITIES SUMMARY.....	4.0
RESTORATION, RECLAMATION & RE-VEGETATION PLAN.....	5.0
SOIL CLOSURE REQUEST.....	6.0
LIMITATIONS.....	7.0
DISTRIBUTION.....	8.0

FIGURES

- Figure 1 - Topographic Map
- Figure 2 - Site Characterization Map
- Figure 3 - Site & Sample Location Map

TABLES

- Table 1 - Concentrations of BTEX, TPH & Chloride in Soil

APPENDICES

- Appendix A - Depth to Groundwater Information
- Appendix B - Field Data & Soil Profile Logs
- Appendix C - Photographic Log
- Appendix D - Laboratory Analytical Reports
- Appendix E - Regulatory Correspondence

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Mewbourne Oil Company, has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Antelope 9 B3OB St Com #1H Battery (henceforth, "Antelope"). Details of the release are summarized below:

Location of Release Source				
Latitude: <u>32.3128910</u>		Longitude: <u>-103.4774740</u>		
Provided GPS are in WGS84 format.				
Site Name: <u>Antelope 9 B3OB St Com #1H Battery</u>		Site Type: <u>Tank Battery</u>		
Date Release Discovered: <u>4/13/2023</u>		API # (if applicable): <u>N/A</u>		
Unit Letter	Section	Township	Range	County
"N"	9	23S	34E	Lea
Surface Owner: <input checked="" type="checkbox"/> State <input type="checkbox"/> Federal <input type="checkbox"/> Tribal <input type="checkbox"/> Private (Name _____)				
Nature and Volume of Release				
<input checked="" type="checkbox"/> Crude Oil	Volume Released (bbls)	21	Volume Recovered (bbls)	13
<input checked="" type="checkbox"/> Produced Water	Volume Released (bbls)	44	Volume Recovered (bbls)	27
	Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
<input type="checkbox"/> Condensate	Volume Released (bbls)		Volume Recovered (bbls)	
<input type="checkbox"/> Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)	
<input type="checkbox"/> Other (describe)	Volume/Weight Released		Volume/Weight Recovered	
Cause of Release: Separator released fluid through panic line.				
Initial Response				
<input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices <input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.				

Previously submitted portions of the NMOCD Form C-141 are available in 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 Antelope 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?	200'	
Did the release impact groundwater or surface water?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production or storage site?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish & Wildlife Services (FWS) shapefiles, topographic maps, NMOSE and USGS databases, and aerial imagery. The results are depicted in Figures 1, 2, 4, and 5.

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 and NMOCD Reclamation Standards for the Antelope release site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
200'	Chloride (Cl-)	EPA 300.0 or SM4500 Cl B	20,000	600
	Total Petroleum Hydrocarbons (TPH)	EPA SW-846 Method 8015M Ext	2,500	100
	Gas Range Organics + Diesel Range Organics (GRO + DRO)	EPA SW-846 Method 8015M	1,000	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	Benzene, Toluene, Ethylbenzene, Total Xylenes (BTEX)	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)

† Table I, Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

‡ The NMOCD Reclamation Standard applies only to the top 4' of soil in non-production areas. Section 19.15.29.13 D.(1) NMAC.

4.0 REMEDIATION ACTIVITIES SUMMARY

On April 27, 2023, remediation activities commenced at the Antelope release site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standards was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and/or a chloride test kit were utilized to field-screen the horizontal and vertical extent of impacted soil and to guide the excavation. The sidewalls and floors of the excavation were advanced until field tests and field observations suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards. Representative five-point composite confirmation soil samples were collected every 200 square feet from the sidewalls and floor of the excavated area to be submitted for laboratory analysis.

On April 27, 2023, Etech collected 10 confirmation soil samples (FL 1 @ 1' through FL 10 @ 1') from the floor of the excavated area. The soil samples were submitted to a certified, commercial laboratory (henceforth, "the laboratory") for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentrations were also less than the applicable laboratory method detection limit (MDL), with the exception of soil sample FL 4 @ 1', which exhibited a TPH concentration of 11.0 mg/kg. Chloride concentrations ranged from less than the laboratory MDL in soil sample FL 6 @ 1' to 128 mg/kg in soil sample FL 1 @ 1'.

On May 1, 2023, Etech collected 14 confirmation soil samples (FL 11 @ 3' through FL 24 @ 2.5') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated that BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. TPH concentrations ranged from less than the laboratory MDL in soil samples FL 11 @ 3', FL 12 @ 3', FL 14 @ 3.5' through FL 19 @ 2.5', FL 21 @ 2.5', FL 22 @ 2.5', and FL 24 @ 2.5' to 2,433 mg/kg in soil sample FL 13 @ 3'. GRO+DRO concentrations in soil samples FL 13 @ 3' and FL 23 @ 2.5' exceeded the NMOCD Closure Criterion. TPH concentrations in soil samples FL 13 @ 3', FL 20 @ 1', and FL 23 @ 2.5' exceeded the NMOCD Closure Criterion and/or NMOCD Reclamation Standard. Chloride concentrations ranged from 16.0 mg/kg in soil samples FL 12 @ 3', FL 14 @ 3.5', and FL 17 @ 1' to 192 mg/kg in soil sample FL 22 @ 2.5'.

On May 2, 2023, Etech collected 13 confirmation soil samples (FL 26 @ 2.5' through FL 38 @ 1') from the floor of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX and TPH concentration were less than the laboratory MDL in a majority of the submitted soil samples, which the exceptions of soil samples FL 32 @ 1', FL 35 @ 1', and FL 38 @ 1, which exhibited TPH concentrations ranging from 11.4 mg/kg (FL 32 @ 1') to 54.5 mg/kg (FL 38 @ 1'). Chloride concentrations ranged from 16.0 mg/kg in soil samples FL 27 @ 2', FL 29 @ 2', FL 30 @ 2', FL 33 @ 1', FL 34 @ 1', FL 35 @ 1', and FL 36 @ 1' to 32.0 mg/kg in soil samples FL 26 @ 2.5', FL 28 @ 3', FL 31 @ 1', FL 32 @ 1', FL 37 @ 1', and FL 38 @ 1'.

On May 3, 2023, Etech collected 13 confirmation soil samples (NW1, NW2, NW3, NW4, NW5, EW1, EW2, EW3, SW1, SW2, SW3, WW1, and WW2) from the sidewalls of the excavated area. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standards in each of the submitted soil samples. BTEX concentrations were also less than the laboratory MDL. TPH concentrations ranged from less than the laboratory MDL in soil samples NW2, NW4, EW3, SW1, SW2, and WW2 to 378 mg/kg in soil sample NW1. TPH concentrations in soil samples NW1, NW3, EW1, EW2, and SW3 exceeded the NMOCD Closure Criterion and/or NMOCD Reclamation Standard. Chloride concentrations ranged from 32.0 mg/kg in soil sample EW3 to 480 mg/kg in soil sample NW3.

On May 8, 2023, based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples FL 13 @ 3', FL 20 @ 1', and FL 23 @ 2.5'. Etech collected three (3) confirmation soil samples (FL 13 @ 3.5', FL 20 @ 2', and FL 23 @ 3') from the floor of the newly excavated area. The soil samples were submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated TPH concentrations were below the NMOCD Closure Criterion, NMOCD Reclamation Standard, and laboratory MDL in each of the submitted soil samples.

On May 11, 2023, based on laboratory analytical results, the excavation was further advanced in the areas characterized by soil samples NW1, NW3, EW1, EW2, and SW3. Etech collected five (5) confirmation soil samples (NW1A, NW3A, EW1A, EW2A, and SW3A) from the sidewalls of the newly excavated area. The soil samples were submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated TPH concentrations were below the NMOCD Closure Criterion and NMOCD Reclamation Standard in each of the submitted soil samples and ranged from less than the laboratory MDL in soil samples NW3A, EW1A, EW2A, and SW3A to 11.2 mg/kg in soil sample NW1A.

The final dimensions of the excavated area were approximately 188 to 314 feet in length, 10 to 132 feet in width, and 1 to 3.5 feet in depth. During the course of remediation activities, Etech transported approximately 1,162 cubic yards of impacted soil to an NMOCD-permitted surface waste facility for disposal and imported approximately 900 cubic yards of locally sourced, non-impacted material to the site for use as backfill.

Soil sample locations and the extent of the excavated area are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. Field data is provided in Appendix B. General photographs of the site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D. Copies of all regulatory correspondence are provided in Appendix E.

5.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected area was compacted and contoured 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.

6.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and NMOCD Reclamation Standards was excavated and transported to an NMOCD-permitted disposal facility. Laboratory analytical results from confirmation soil samples indicate in-situ concentrations of BTEX, TPH, and chloride are below the applicable NMOCD Closure Criteria and NMOCD Reclamation Standards.

Based on laboratory analytical results and field activities conducted to date, Etech recommends Mewbourne Oil Company provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Antelope release site.

7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Soil Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents referenced 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 Mewbourne Oil Company. Use of the information contained in this report is prohibited without the consent of Etech and/or Mewbourne Oil Company.

8.0 DISTRIBUTION

Mewbourne Oil Company

*4801 Business Park Blvd.
Hobbs, NM 88240*

New Mexico Energy, Minerals and Natural Resources Department

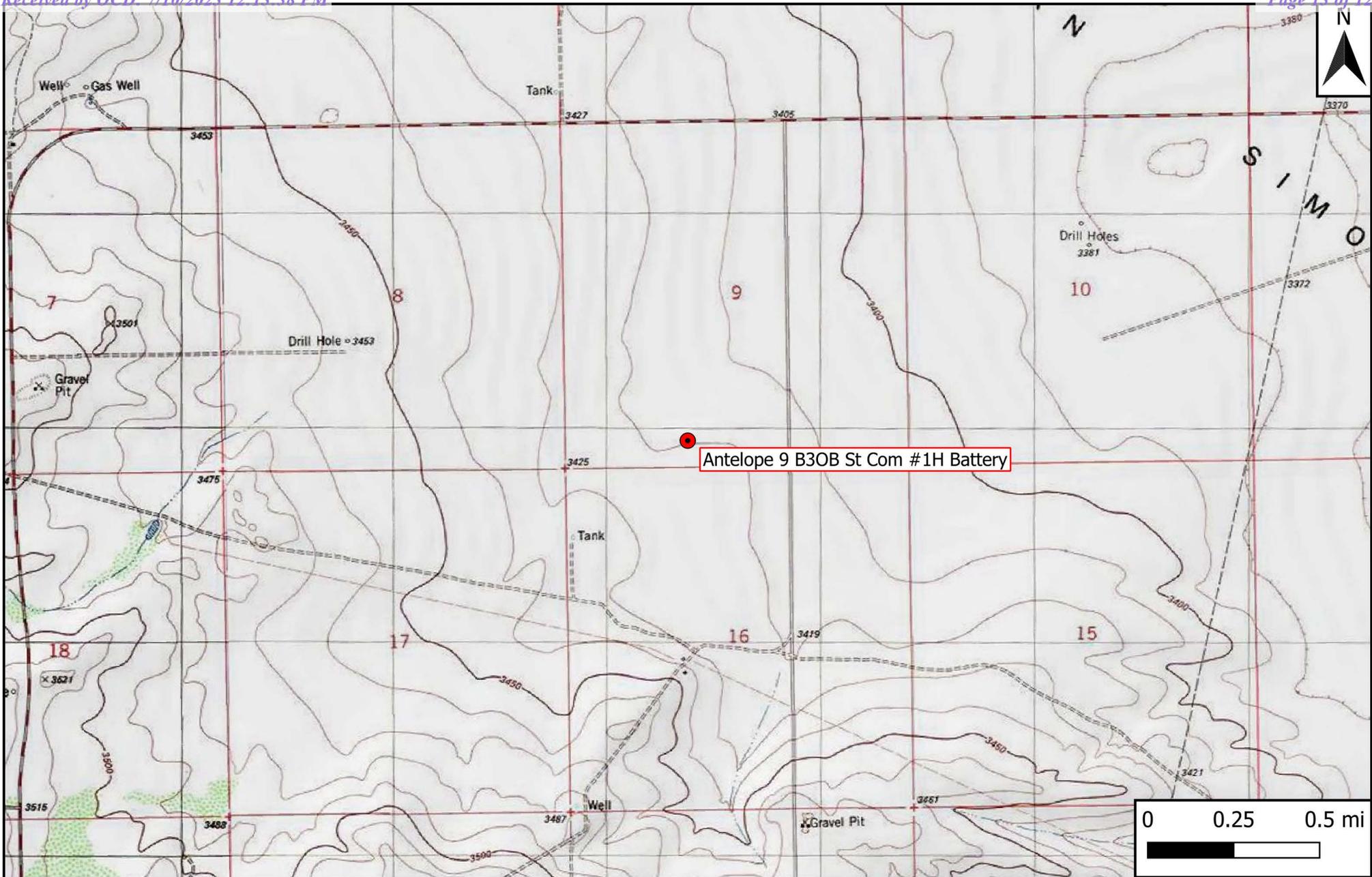
*Oil Conservation Division, District 1
1220 South St. Francis Drive
Santa Fe, NM 87505*

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
 Mewbourne Oil Company
 Antelope 9 B3OB St Com #1H Battery
 GPS: 32.312891, -103.477474
 Lea County

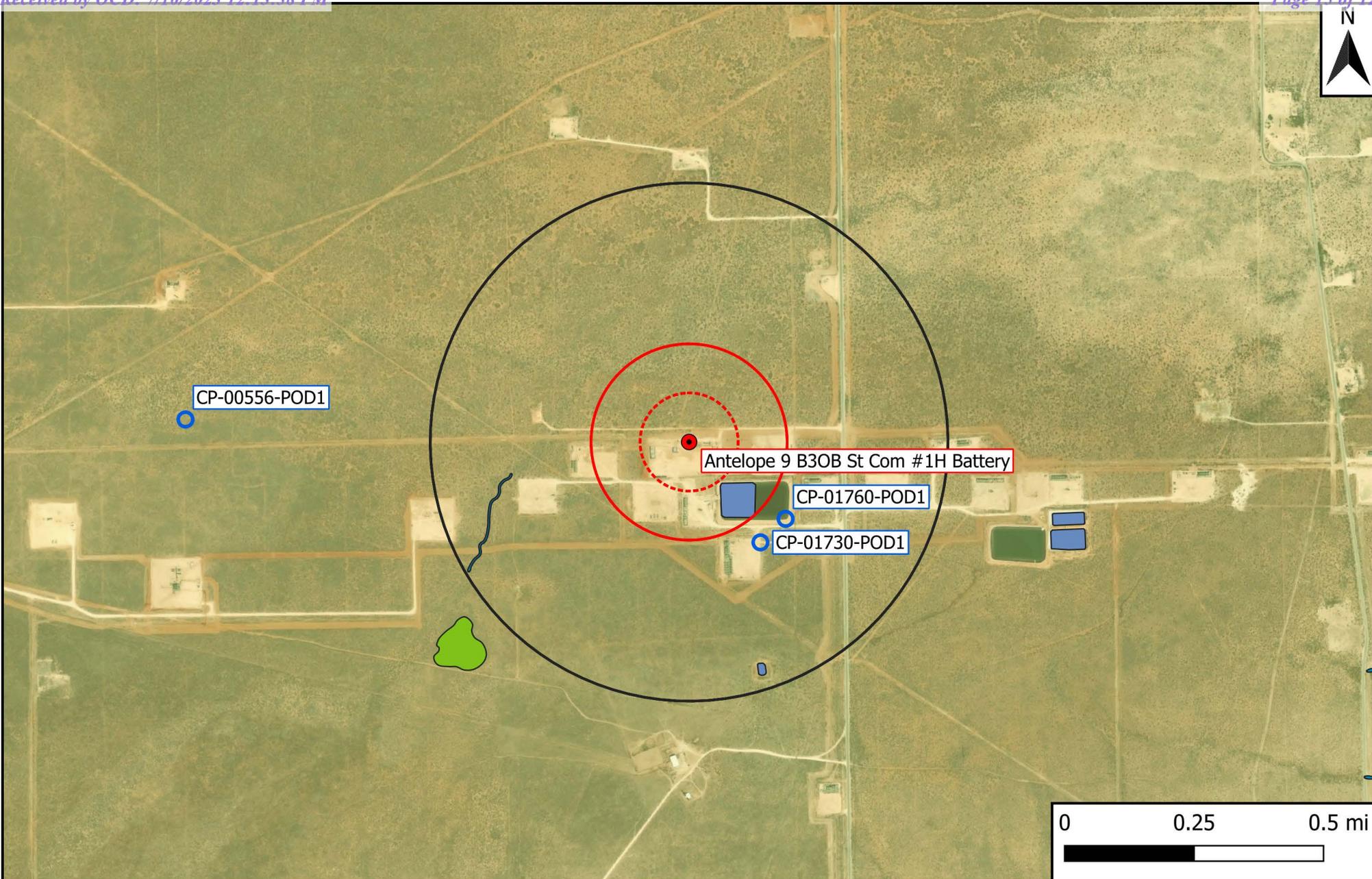


Drafted: bja

Checked: lc

Date: 6/16/23

Figure 2 Site Characterization Map



Legend			
	Site Location		500-Ft Radius
	Well - NMOSE		1,000-Ft Radius
	Well - USGS		0.5-Mi Radius
	Well - Exploratory/Monitor		Municipal Boundary
	Potash Mine Workings		Riverine
	1% Annual Flood Chance		Emergent/Forested Wetlands
	Freshwater Pond/Lake		Karst Potential (Low/Med./High)

Figure 2
 Site Characterization Map
 Mewbourne Oil Company
 Antelope 9 B3OB St Com #1H Battery
 GPS: 32.312891, -103.477474
 Lea County

Drafted: bja Checked: lc Date: 6/16/23

Figure 3

Site & Sample Location Map



- Legend**
- Excavation Extent
 - Composite Floor Sample
 - Composite Wall Sample

Figure 3
 Site & Sample Location Map
 Mewbourne Oil Company
 Antelope 9 B3OB St Com #1H Battery
 GPS: 32.312891, -103.477474
 Lea County



Drafted: bja Checked: lc Date: 7/10/23

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Antelope 9 B3OB St Com #1H Battery NMOCD Ref. #: nAPP2311029101											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	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)
NW1	5/3/2023	0-1	Excavated	<0.050	<0.300	<10.0	323	323	54.8	378	384
NW1A	5/11/2023	0-1	In-Situ	-	-	<10.0	11.2	11.2	<10.0	11.2	-
NW2	5/3/2023	0-2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
NW3	5/3/2023	0-2.5	Excavated	<0.050	<0.300	<10.0	143	143	17.7	161	480
NW3A	5/11/2023	0-2.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
NW4	5/3/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
NW5	5/3/2023	0-2	In-Situ	<0.050	<0.300	<10.0	37.3	37.3	<10.0	37.3	96.0
EW1	5/3/2023	0-2	Excavated	<0.050	<0.300	<10.0	169	169	22.1	191	192
EW1A	5/11/2023	0-2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
EW2	5/3/2023	0-2.5	Excavated	<0.050	<0.300	<10.0	118	118	17.6	136	176
EW2A	5/11/2023	0-2.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
EW3	5/3/2023	0-2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW1	5/3/2023	0-3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW2	5/3/2023	0-3.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SW3	5/3/2023	0-3	Excavated	<0.050	<0.300	<10.0	131	131	14.3	145	224
SW3A	5/11/2023	0-3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
WW1	5/3/2023	0-1	In-Situ	<0.050	<0.300	<10.0	24.8	24.8	<10.0	24.8	64.0
WW2	5/3/2023	0-1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 1 @ 1'	4/27/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 2 @ 1'	4/27/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 3 @ 1'	4/27/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 4 @ 1'	4/27/2023	1	In-Situ	<0.050	<0.300	<10.0	11.0	11.0	<10.0	11.0	48.0
FL 5 @ 1'	4/27/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
FL 6 @ 1'	4/27/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 7 @ 2'	4/27/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 8 @ 1'	4/27/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 9 @ 1'	4/27/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 10 @ 1'	4/27/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 11 @ 3'	5/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 12 @ 3'	5/1/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 13 @ 3'	5/1/2023	3	Excavated	<0.050	4.41	202	1,930	2,130	301	2,430	176
FL 13 @ 3.5'	5/8/2023	3.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 14 @ 3.5'	5/1/2023	3.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 15 @ 1'	5/1/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 16 @ 2.5'	5/1/2023	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 17 @ 1'	5/1/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 18 @ 1'	5/1/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	96.0
FL 19 @ 2.5'	5/1/2023	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL 20 @ 1'	5/1/2023	1	Excavated	<0.050	<0.300	<10.0	308	308	35.0	343	64.0
FL 20 @ 2'	5/8/2023	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 21 @ 2.5'	5/1/2023	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 22 @ 2.5'	5/1/2023	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	192

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

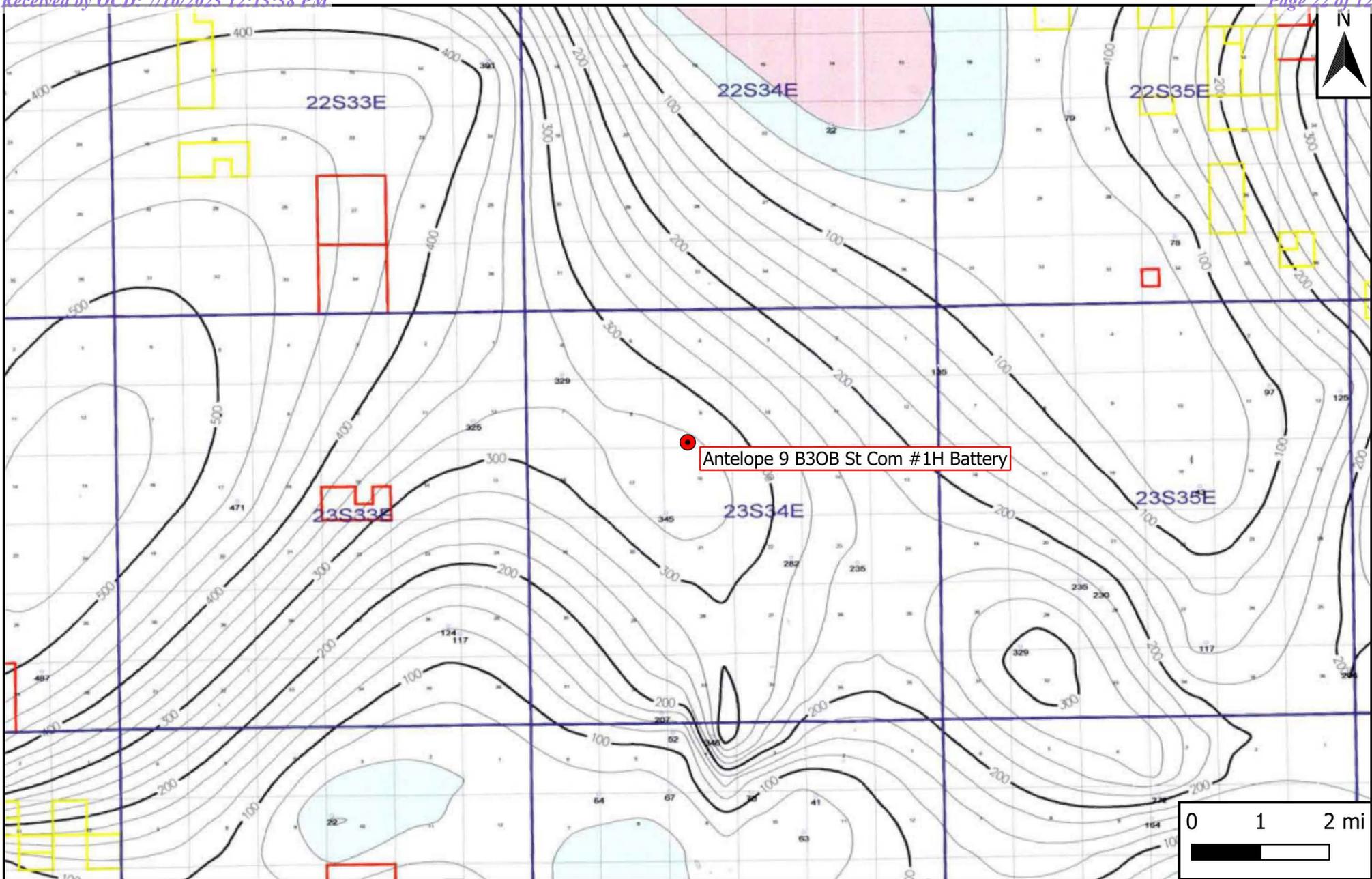
Table 1 Concentrations of BTEX, TPH & Chloride in Soil Mewbourne Oil Company Antelope 9 B3OB St Com #1H Battery NMOCD Ref. #: nAPP2311029101											
NMOCD Closure Criteria				10	50	N/A	N/A	1,000	N/A	2,500	20,000
NMOCD Reclamation Standard				10	50	N/A	N/A	N/A	N/A	100	600
Sample ID	Date	Depth (Feet)	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)
FL 23 @ 2.5'	5/1/2023	2.5	Excavated	<0.050	0.868	76.0	1,060	1,140	175	1,310	32.0
FL 23 @ 3'	5/8/2023	3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL 24 @ 2.5'	5/1/2023	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 26 @ 2.5'	5/2/2023	2.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 27 @ 2'	5/2/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 28 @ 3'	5/2/2023	3	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 29 @ 2'	5/2/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 30 @ 2'	5/2/2023	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 31 @ 1'	5/2/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 32 @ 1'	5/2/2023	1	In-Situ	<0.050	<0.300	<10.0	11.4	11.4	<10.0	11.4	32.0
FL 33 @ 1'	5/2/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 34 @ 1'	5/2/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 35 @ 1'	5/2/2023	1	In-Situ	<0.050	<0.300	<10.0	18.3	18.3	<10.0	18.3	16.0
FL 36 @ 1'	5/2/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 37 @ 1'	5/2/2023	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 38 @ 1'	5/2/2023	1	In-Situ	<0.050	<0.300	<10.0	54.5	54.5	<10.0	54.5	32.0

Dash (-): Sample not analyzed for that constituent.

Bold: NMOCD Closure Criteria exceedance.**Red:** NMOCD Reclamation Standard exceedance.

Appendix A

Depth to Groundwater Information



Legend
 ● Site Location

Figure 4
 Inferred Depth to Groundwater Trend Map
 Mewbourne Oil Company
 Antelope 9 B3OB St Com #1H Battery
 GPS: 32.312891, -103.477474
 Lea County



Drafted: bja

Checked: lc

Date: 6/16/23



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 6	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 01730_POD1		CP	LE	2	2	1	16	23S	34E	643549	3575824	382	594	200	394
CP 01760_POD1		CP	LE	3	1	2	16	23S	34E	643627	3575897	383	767	290	477

Average Depth to Water: **245 feet**
Minimum Depth: **200 feet**
Maximum Depth: **290 feet**

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 643327.48

Northing (Y): 3576136.24

Radius: 804.67

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/10/23 9:25 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
NA	CP 01730 POD1	2 2 1	16	23S	34E	643549	3575824

Driller License: 1706	Driller Company: ELITE DRILLERS CORPORATION	
Driller Name: WALLACE, BRYCE J.		
Drill Start Date: 10/31/2018	Drill Finish Date: 11/05/2018	Plug Date:
Log File Date: 12/13/2018	PCW Rcv Date:	Source: Artesian
Pump Type:	Pipe Discharge Size:	Estimated Yield: 320 GPM
Casing Size: 7.60	Depth Well: 594 feet	Depth Water: 200 feet

Water Bearing Stratifications:	Top	Bottom	Description
	290	320	Sandstone/Gravel/Conglomerate
	320	350	Sandstone/Gravel/Conglomerate
	350	440	Sandstone/Gravel/Conglomerate
	440	490	Sandstone/Gravel/Conglomerate
	490	530	Sandstone/Gravel/Conglomerate
	530	550	Sandstone/Gravel/Conglomerate
	550	570	Sandstone/Gravel/Conglomerate
	570	580	Sandstone/Gravel/Conglomerate

Casing Perforations:	Top	Bottom
	294	594

Meter Number: 20209	Meter Make: SEAMETRICS
Meter Serial Number: 042018001201	Meter Multiplier: 1.0000
Number of Dials: 8	Meter Type: Diversion
Unit of Measure: Barrels 42 gal.	Return Flow Percent:
Usage Multiplier:	Reading Frequency: Monthly

Meter Readings (in Acre-Feet)

Read Date	Year	Mtr Reading	Flag	Rdr	Comment	Mtr Amount Online
01/07/2021	2021	144453	A	ad		0
02/05/2021	2021	144453	A	ad		0
08/02/2021	2021	144453	A	ad		0
09/01/2021	2021	144453	A	ad		0
10/05/2021	2021	144453	A	ad		0
11/04/2021	2021	144453	A	ad		0
12/13/2021	2021	144453	A	ad		0
01/01/2022	2022	144453	A	ad		0
02/08/2022	2022	144453	A	ad		0
03/02/2022	2022	144453	A	ad		0
04/01/2022	2022	144453	A	ad		0
05/06/2022	2022	144453	A	ad		0
06/07/2022	2022	144453	A	ad		0

07/10/2022	2022	144453	A	ad	0
09/05/2022	2022	144453	A	ad	0
10/10/2022	2022	144453	A	ad	0
11/10/2022	2022	144453	A	ad	0
06/07/2023	2023	144453	A	ad	0

**YTD Meter Amounts:	Year	Amount
	2021	0
	2022	0
	2023	0

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/10/23 9:25 AM

POINT OF DIVERSION
SUMMARY



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
NA	CP 01760 POD1	3	1	2	16	23S	34E	643627	3575897

Driller License: 1706	Driller Company: ELITE DRILLERS CORPORATION	
Driller Name: WALLACE, BRYCE J.LEE.NER		
Drill Start Date: 02/01/2020	Drill Finish Date: 03/15/2020	Plug Date:
Log File Date: 04/09/2020	PCW Rcv Date:	Source: Artesian
Pump Type:	Pipe Discharge Size:	Estimated Yield: 80 GPM
Casing Size: 8.00	Depth Well: 767 feet	Depth Water: 290 feet

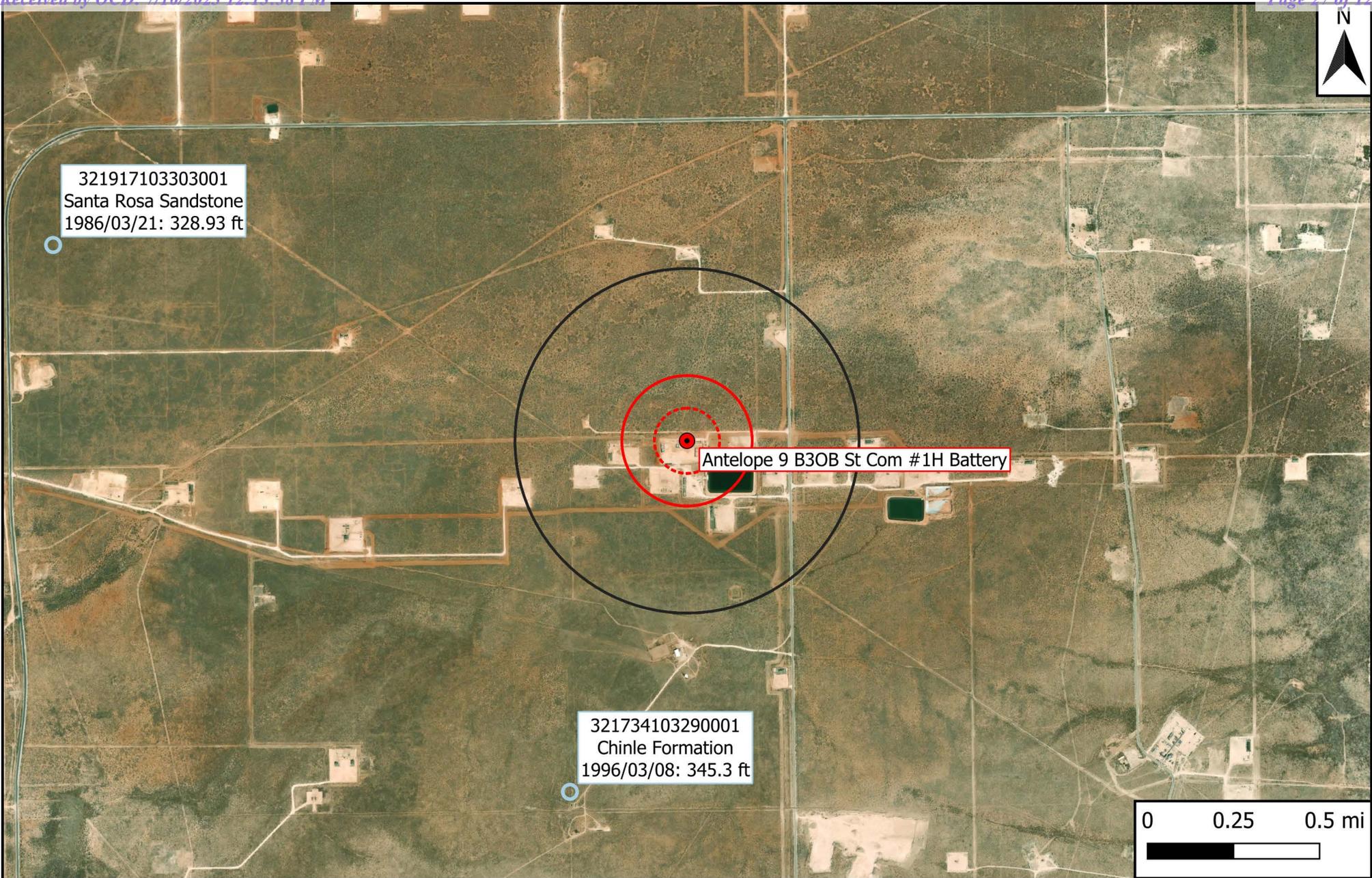
Water Bearing Stratifications:	Top	Bottom	Description
	285	320	Sandstone/Gravel/Conglomerate
	320	350	Shale/Mudstone/Siltstone
	350	445	Sandstone/Gravel/Conglomerate
	445	495	Shale/Mudstone/Siltstone
	495	530	Sandstone/Gravel/Conglomerate
	530	555	Sandstone/Gravel/Conglomerate
	555	570	Sandstone/Gravel/Conglomerate
	570	585	Sandstone/Gravel/Conglomerate
	585	600	Shale/Mudstone/Siltstone
	600	630	Shale/Mudstone/Siltstone
	630	660	Sandstone/Gravel/Conglomerate
	660	710	Sandstone/Gravel/Conglomerate
	710	750	Limestone/Dolomite/Chalk

Casing Perforations:	Top	Bottom
	567	767

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

7/10/23 9:25 AM

POINT OF DIVERSION SUMMARY



Legend

- Site Location
- Well - USGS
- ⊞ 500-Ft Radius
- ⊞ 1,000-Ft Radius
- ⊞ 0.5-Mi Radius

Figure 5

USGS Well Proximity Map
 Mewbourne Oil Company
 Antelope 9 B3OB St Com #1H Battery
 GPS: 32.312891, -103.477474
 Lea County



Drafted: bja

Checked: lc

Date: 6/16/23



USGS Home
 Contact USGS
 Search USGS

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category: Geographic Area:

Click for [News Bulletins](#)

Groundwater levels for the Nation

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321734103290001

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321734103290001 23S.34E.16.333312

Lea County, New Mexico
 Latitude 32°17'53", Longitude 103°28'59" NAD27
 Land-surface elevation 3,478.00 feet above NGVD29
 The depth of the well is 400 feet below land surface.
 This well is completed in the Other aquifers (N9999OTHER) national aquifer.
 This well is completed in the Chinle Formation (231CHNL) local aquifer.

Output formats

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

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
1971-01-13			D 72019	344.05			1	Z			A
1976-12-16			D 72019	347.38			1	Z			A
1981-03-30			D 72019	345.40			1	Z			A
1986-03-21			D 72019	347.80			1	Z			A
1996-03-08			D 72019	345.30			1	S			A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	S	Steel-tape measurement.
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions or Comments](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2023-07-10 11:32:30 EDT

0.27 0.24 nadww01



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

[USGS Water Resources](#)

Data Category: Groundwater Geographic Area: United States GO

Click for News Bulletins

Groundwater levels for the Nation

Important: [Next Generation Monitoring Location Page](#)

Search Results -- 1 sites found

Agency code = usgs
site_no list =
• 321917103303001

Minimum number of levels = 1

[Save file of selected sites](#) to local disk for future upload

USGS 321917103303001 23S.34E.06.43314

Lea County, New Mexico
Latitude 32°19'17", Longitude 103°30'30" NAD27
Land-surface elevation 3,480 feet above NAVD88
The depth of the well is 640 feet below land surface.
This well is completed in the Other aquifers (N9999OTHER) national aquifer.
This well is completed in the Santa Rosa Sandstone (231SNRS) local aquifer.

Output formats

- [Table of data](#)
- [Tab-separated data](#)
- [Graph of data](#)
- [Reselect period](#)

Date	Time	Water-level date-time accuracy	Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	Status	Method of measurement	Measuring agency	Source of measurement	Water-level approval status
1968-06-11		D	72019	338.90			1	Z			A
1986-03-21		D	72019	328.93			1	Z			A

Explanation

Section	Code	Description
Water-level date-time accuracy	D	Date is accurate to the Day
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	A	Approved for publication -- Processing and review completed.

[Questions or Comments](#)

[Automated retrievals](#)

[Help](#)

[Data Tips](#)

[Explanation of terms](#)

[Subscribe for system changes](#)

[News](#)

[Accessibility](#) [FOIA](#) [Privacy](#) [Policies and Notices](#)

[U.S. Department of the Interior](#) | [U.S. Geological Survey](#)

Title: Groundwater for USA: Water Levels

URL: <https://nwis.waterdata.usgs.gov/nwis/gwlevels?>



Page Contact Information: [USGS Water Data Support Team](#)

Page Last Modified: 2023-07-10 11:33:36 EDT

0.28 0.25 nadww01

Appendix B Field Data



Sample Log

Date: _____

Project: Antelope 9 B2NC State Com 1H

Project Number: 18093 Latitude: 32.313099 Longitude: -103.477499

Sample ID	PID/Odor	Chloride Conc.	GPS
Sp1@1'	—	200	
Sp2@1'	—	200	
Sp3@1'	—	260	
Sp4@1'	—	292	
Sp5@1'	—	292	
Sp6@1'	✓	408	
Sp7@1' \ Sp7@2'	—	780 \ 552	
Sp8@1'	—	408	
Sp9@1'	—	368	
Sp10@1'	—	260	
Sp11@1' \ FL11@3'	—	2,272 \ 124	
Sp12@1' \ FL12@3'	—	1,136 \ 360	
FL13@2' \ FL13@3'	—	260	
FL14@2' \ FL14@3.5'	SMell	368 \ 368	
FL15@1'	—	124	
FL16@1' \ FL16@2.5'	—	780 \ 200	
FL17@1'	—	124	
FL18@1'	—	200	
FL19@1' \ FL19@2.5'	—	1,716 \ 228	
FL20@1'	—	228	
FL21@2.5'	—	200	
FL22@2.5'	—	368	
FL23@2.5'	—	292	
FL24@2.5'	—	368	
FL25@2'	—	784	
FL26@2' \ FL26@2.5'	—	2,272 \ 200	
FL27@2'	—	408	
FL28@2' \ FL28@3'	—	2,414 \ 340	
FL29@2'	—	340	
FL30@2'	—	176	
FL31@1'	—	380	
FL32@1'	—	468	
FL33@1'	—	176	
FL34@1'	—	264	
FL35@1'	—	228	
FL36@1'	—	408	

Sample Point = SP #1 @ ## etc

Test Trench = TT #1 @ ##

Floor = FL #1 etc

Refusal = SP #1 @ 4'-R

Sidewall = SW #1 etc

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

Appendix C

Photographic Log

Photographic Log

Photo Number: 1	
Photo Direction: South	
Photo Description: View of the affected area.	

Photo Number: 2	
Photo Direction: Southwest	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 3	
Photo Direction: North	
Photo Description: View of the affected area.	

Photo Number: 4	
Photo Direction: Northeast	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 5	 <p>Apr 19, 2023 at 11:00:16 AM +32.313254,-103.477252 ±5.00m 274° W</p>
Photo Direction: West	
Photo Description: View of the affected area.	

Photo Number: 6	 <p>Apr 19, 2023 at 11:00:51 AM +32.313261,-103.476893 ±5.00m 263° W</p>
Photo Direction: West	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 7	 <p>Apr 19, 2023 at 11:01:49 AM +32.313366,-103.477454 ±5.00m 233° SW</p>
Photo Direction: Southwest	
Photo Description: View of the affected area.	

Photo Number: 8	 <p>Apr 19, 2023 at 11:04:05 AM +32.313015,-103.477688 ±10.00m 39° NE</p>
Photo Direction: Northeast	
Photo Description: View of the affected area.	

Photographic Log

Photo Number: 9	 <p>May 5, 2023 at 8:21:21 AM +32.312984,-103.477774 174° E Altitude: 1039.1meter Speed: 6.1km/h</p> <p>View of the excavated area.</p>
Photo Direction: East	
Photo Description:	

Photo Number: 10	 <p>May 5, 2023 at 8:22:20 AM +32.313260,-103.477752 165° S Altitude: 1036.8meter Speed: 4.6km/h</p> <p>View of the excavated area.</p>
Photo Direction: South	
Photo Description:	

Photographic Log

Photo Number: 11	 <p>May 5, 2023 at 8:22:40 AM +32.313280,-103.477646 150° SE Altitude: 1040.2meter Speed: 4.1km/h</p>
Photo Direction: Southeast	
Photo Description: View of the excavated area.	

Photo Number: 12	 <p>May 5, 2023 at 8:22:45 AM +32.313286,-103.477523 80° E Altitude: 1039.9meter Speed: 3.7km/h</p>
Photo Direction: East	
Photo Description: View of the excavated area.	

Photographic Log

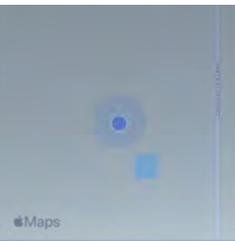
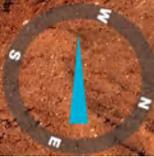
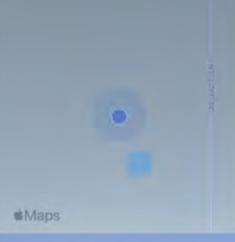
Photo Number: 13	 <p>May 5, 2023 at 8:23:38 AM +32.313124,-103.477240 249° W Altitude:1040.7meter Speed:4.4km/h</p>  
Photo Direction: West	
Photo Description: View of the excavated area.	

Photo Number: 14	 <p>May 5, 2023 at 8:24:23 AM +32.313259,-103.476920 255° W Altitude:1041.6meter Speed:2.8km/h</p>  
Photo Direction: West	
Photo Description: View of the excavated area.	

Photographic Log

Photo Number: 15	
Photo Direction: West	
Photo Description: View of the excavated area.	

Photo Number: 16	
Photo Direction: West	
Photo Description: View of the remediated area after backfill and regrading.	

Photographic Log

Photo Number: 17	 <p>5/19/23, 12:29 PM +32.313269,-103.476765 NM,Jal,Antelope Rd</p>
Photo Direction: West	
Photo Description: View of the remediated area after backfill and regrading.	

Photo Number: 18	 <p>5/19/23, 12:30 PM +32.313254,-103.477247 NM,Jal,Antelope Rd</p>
Photo Direction: Southwest	
Photo Description: View of the remediated area after backfill and regrading.	

Photographic Log

Photo Number: 19	 <p>5/19/23, 12:30 PM +32.313254,-103.477247 NM,Jal,Antelope Rd</p>
Photo Direction: West	
Photo Description: View of the remediated area after backfill and regrading.	

Photo Number: 20	 <p>5/19/23, 12:30 PM +32.313181,-103.477339 NM,Jal,Antelope Rd</p>
Photo Direction: Northeast	
Photo Description: View of the remediated area after backfill and regrading.	

Photographic Log

Photo Number: 21	 <p>5/19/23, 12:31 PM +32.313147,-103.477438 NM,Jal,Antelope Rd</p>
Photo Direction: South	
Photo Description: View of the remediated area after backfill and regrading.	

Photo Number: 22	 <p>5/19/23, 12:31 PM +32.313147,-103.477438 NM,Jal,Antelope Rd</p>
Photo Direction: North	
Photo Description: View of the remediated area after backfill and regrading.	

Appendix D

Laboratory Analytical Reports



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

May 03, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: ANTELOPE 9 B2NC STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 04/28/23 14:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/28/2023	Sampling Date:	04/27/2023
Reported:	05/03/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 1 @ 1' (H232106-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.11	106	2.00	1.89	
Toluene*	<0.050	0.050	05/02/2023	ND	2.19	110	2.00	2.55	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.17	108	2.00	1.75	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.74	112	6.00	1.77	
Total BTEX	<0.300	0.300	05/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	05/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					

Surrogate: 1-Chlorooctane 129 % 48.2-134

Surrogate: 1-Chlorooctadecane 140 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/28/2023	Sampling Date:	04/27/2023
Reported:	05/03/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 2 @ 1' (H232106-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.11	106	2.00	1.89	
Toluene*	<0.050	0.050	05/02/2023	ND	2.19	110	2.00	2.55	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.17	108	2.00	1.75	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.74	112	6.00	1.77	
Total BTEX	<0.300	0.300	05/02/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.5 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/28/2023	Sampling Date:	04/27/2023
Reported:	05/03/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 3 @ 1' (H232106-03)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2023	ND	2.11	106	2.00	1.89	
Toluene*	<0.050	0.050	05/02/2023	ND	2.19	110	2.00	2.55	
Ethylbenzene*	<0.050	0.050	05/02/2023	ND	2.17	108	2.00	1.75	
Total Xylenes*	<0.150	0.150	05/02/2023	ND	6.74	112	6.00	1.77	
Total BTEX	<0.300	0.300	05/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					

Surrogate: 1-Chlorooctane 134 % 48.2-134

Surrogate: 1-Chlorooctadecane 146 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/28/2023	Sampling Date:	04/27/2023
Reported:	05/03/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 4 @ 1' (H232106-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2023	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.60	110	6.00	2.06	
Total BTEX	<0.300	0.300	05/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	11.0	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					

Surrogate: 1-Chlorooctane 67.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/28/2023	Sampling Date:	04/27/2023
Reported:	05/03/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 5 @ 1' (H232106-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2023	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.60	110	6.00	2.06	
Total BTEX	<0.300	0.300	05/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	05/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 144 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/28/2023	Sampling Date:	04/27/2023
Reported:	05/03/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 6 @ 1' (H232106-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2023	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.60	110	6.00	2.06	
Total BTEX	<0.300	0.300	05/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					

Surrogate: 1-Chlorooctane 131 % 48.2-134

Surrogate: 1-Chlorooctadecane 148 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/28/2023	Sampling Date:	04/27/2023
Reported:	05/03/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 7 @ 2' (H232106-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2023	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.60	110	6.00	2.06	
Total BTEX	<0.300	0.300	05/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					

Surrogate: 1-Chlorooctane 128 % 48.2-134

Surrogate: 1-Chlorooctadecane 143 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/28/2023	Sampling Date:	04/27/2023
Reported:	05/03/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 8 @ 1' (H232106-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2023	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.60	110	6.00	2.06	
Total BTEX	<0.300	0.300	05/01/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					

Surrogate: 1-Chlorooctane 125 % 48.2-134

Surrogate: 1-Chlorooctadecane 141 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/28/2023	Sampling Date:	04/27/2023
Reported:	05/03/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 9 @ 1' (H232106-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2023	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.60	110	6.00	2.06	
Total BTEX	<0.300	0.300	05/01/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					

Surrogate: 1-Chlorooctane 124 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	04/28/2023	Sampling Date:	04/27/2023
Reported:	05/03/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 10 @ 1' (H232106-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2023	ND	2.08	104	2.00	1.60	
Toluene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	0.626	
Ethylbenzene*	<0.050	0.050	05/01/2023	ND	2.12	106	2.00	1.41	
Total Xylenes*	<0.150	0.150	05/01/2023	ND	6.60	110	6.00	2.06	
Total BTEX	<0.300	0.300	05/01/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/01/2023	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/02/2023	ND	168	83.8	200	1.74	
DRO >C10-C28*	<10.0	10.0	05/02/2023	ND	177	88.5	200	1.16	
EXT DRO >C28-C36	<10.0	10.0	05/02/2023	ND					

Surrogate: 1-Chlorooctane 66.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

May 05, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: ANTELOPE 9 B2NC STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 05/02/23 9:20.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 11 @ 3' (H232141-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/03/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/03/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/03/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/03/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/03/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	193	96.4	200	2.03	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	186	92.8	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 96.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 12 @ 3' (H232141-02)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	193	96.4	200	2.03	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	186	92.8	200	4.50	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 13 @ 3' (H232141-03)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05		
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48		
Ethylbenzene*	0.230	0.050	05/04/2023	ND	2.10	105	2.00	9.43	GC-NC1	
Total Xylenes*	4.18	0.150	05/04/2023	ND	6.58	110	6.00	10.8	GC-NC1	
Total BTEX	4.41	0.300	05/04/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 230 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	202	10.0	05/03/2023	ND	194	97.0	200	23.9	
DRO >C10-C28*	1930	10.0	05/03/2023	ND	190	94.8	200	22.1	
EXT DRO >C28-C36	301	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 121 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 14 @ 3.5' (H232141-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	97.0	200	23.9	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	190	94.8	200	22.1	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 15 @ 1' (H232141-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	97.0	200	23.9	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	190	94.8	200	22.1	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 85.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 16 @ 2.5' (H232141-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	97.0	200	23.9	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	190	94.8	200	22.1	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 70.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 17 @ 1' (H232141-07)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	97.0	200	23.9	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	190	94.8	200	22.1	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 18 @ 1' (H232141-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	97.0	200	23.9	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	190	94.8	200	22.1	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 81.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 19 @ 2.5' (H232141-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	97.0	200	23.9	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	190	94.8	200	22.1	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 70.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 20 @ 1' (H232141-10)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	97.0	200	23.9	
DRO >C10-C28*	308	10.0	05/03/2023	ND	190	94.8	200	22.1	
EXT DRO >C28-C36	35.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 64.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 21 @ 2.5' (H232141-11)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	97.0	200	23.9	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	190	94.8	200	22.1	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 22 @ 2.5' (H232141-12)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	97.0	200	23.9	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	190	94.8	200	22.1	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 81.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 23 @ 2.5' (H232141-13)

BTEX 8021B		mg/kg		Analyzed By: JH/				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05		
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48		
Ethylbenzene*	0.064	0.050	05/04/2023	ND	2.10	105	2.00	9.43	GC-NC1	
Total Xylenes*	0.803	0.150	05/04/2023	ND	6.58	110	6.00	10.8	GC-NC1	
Total BTEX	0.868	0.300	05/04/2023	ND					GC-NC1	

Surrogate: 4-Bromofluorobenzene (PID) 141 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/03/2023	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	76.0	10.0	05/03/2023	ND	194	97.0	200	23.9		
DRO >C10-C28*	1060	10.0	05/03/2023	ND	190	94.8	200	22.1		
EXT DRO >C28-C36	175	10.0	05/03/2023	ND						

Surrogate: 1-Chlorooctane 110 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/02/2023	Sampling Date:	05/01/2023
Reported:	05/05/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Shalyn Rodriguez
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 24 @ 2.5' (H232141-14)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	2.07	103	2.00	9.05	
Toluene*	<0.050	0.050	05/04/2023	ND	2.16	108	2.00	8.48	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.10	105	2.00	9.43	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.58	110	6.00	10.8	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/03/2023	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	194	97.0	200	23.9	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	190	94.8	200	22.1	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-04 The RPD for the BS/BSD was outside of historical limits.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
GC-NC1 8260 confirmation analysis was performed; initial GC results were not supported by GC/MS analysis and are biased high with interfering compounds.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

1/2

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																												
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)																												
Address: P.O. Box 301				Company: Mewbourne																																
City: Lovington		State: NM		Zip: 88260		Attn: Connor Walker																														
Phone #: (575) 396-2378		Fax #: (575) 396-1429		Address:																																
Project #: 18093		Project Owner: Mewbourne		City:																																
Project Name: Antelope 9 B2MC state com 1H				State: Zip:																																
Project Location: Rural Lea Co., NM				Phone #:																																
Sampler Name: Quentin Reyna				Fax #:																																
FOR LAB USE ONLY																																				
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS														MATRIX			PRESERV.		SAMPLING											
				GROUNDWATER		WASTEWATER		SOIL			SLUDGE		OTHER :		ACID/BASE:		ICE / COOL		OTHER :		DATE		TIME													
H232141																																				
1		FL11 @ 3'		C		1		X							Y						5/1/23		09:00		X X X											
2		FL12 @ 3'		C		1		X							Y						5/1/23		09:25		X X X											
3		FL13 @ 3'		C		1		X							Y						5/1/23		09:50		X X X											
4		FL14 @ 3.5'		C		1		X							Y						5/1/23		10:15		X X X											
5		FL15 @ 1'		C		1		X							Y						5/1/23		10:40		X X X											
6		FL16 @ 2.5'		C		1		X							Y						5/1/23		11:05		X X X											
7		FL17 @ 1'		C		1		X							Y						5/1/23		11:30		X X X											
8		FL18 @ 1'		C		1		X							Y						5/1/23		11:55		X X X											
9		FL19 @ 2.5'		C		1		X							Y						5/1/23		12:30		X X X											
10		FL20 @ 1'		C		1		X							Y						5/1/23		12:55		X X X											
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																																				
Relinquished By: [Signature]				Date: 5/1/23		Received By: [Signature]				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																						
				Time: 09:20						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																						
Relinquished By: [Signature]				Date: 5/2/23		Received By: [Signature]				REMARKS:																										
				Time: 09:20						Please email results to pm@etechenv.com.																										
Delivered By: (Circle One) 1.4: UPS - Bus - Other: 0.8: #113				Sample Condition Cool Intact <input type="checkbox"/> Yes <input type="checkbox"/> No				CHECKED BY: [Signature]																												



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

May 08, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: ANTELOPE 9 B2NC STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 05/03/23 12:08.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 26 @ 2.5' (H232181-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.99	99.3	2.00	10.1	
Toluene*	<0.050	0.050	05/04/2023	ND	2.03	101	2.00	12.9	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.12	106	2.00	11.2	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.08	101	6.00	9.71	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	211	105	200	2.89	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 80.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 27 @ 2' (H232181-02)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.99	99.3	2.00	10.1	
Toluene*	<0.050	0.050	05/04/2023	ND	2.03	101	2.00	12.9	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.12	106	2.00	11.2	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.08	101	6.00	9.71	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/03/2023	ND	211	105	200	2.89	
DRO >C10-C28*	<10.0	10.0	05/03/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/03/2023	ND					

Surrogate: 1-Chlorooctane 80.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.9 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 28 @ 3' (H232181-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.99	99.3	2.00	10.1	
Toluene*	<0.050	0.050	05/04/2023	ND	2.03	101	2.00	12.9	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	2.12	106	2.00	11.2	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	6.08	101	6.00	9.71	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	211	105	200	2.89	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 77.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 29 @ 2' (H232181-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2023	ND	1.99	99.3	2.00	10.1	
Toluene*	<0.050	0.050	05/05/2023	ND	2.03	101	2.00	12.9	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.12	106	2.00	11.2	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.08	101	6.00	9.71	
Total BTEX	<0.300	0.300	05/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	211	105	200	2.89	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 77.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.3 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 30 @ 2' (H232181-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2023	ND	1.99	99.3	2.00	10.1	
Toluene*	<0.050	0.050	05/05/2023	ND	2.03	101	2.00	12.9	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.12	106	2.00	11.2	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.08	101	6.00	9.71	
Total BTEX	<0.300	0.300	05/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	211	105	200	2.89	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 80.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 31 @ 1' (H232181-06)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2023	ND	1.99	99.3	2.00	10.1	
Toluene*	<0.050	0.050	05/05/2023	ND	2.03	101	2.00	12.9	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	2.12	106	2.00	11.2	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	6.08	101	6.00	9.71	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	211	105	200	2.89	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 79.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.5 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 32 @ 1' (H232181-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.97	98.3	2.00	1.67	
Toluene*	<0.050	0.050	05/04/2023	ND	1.99	99.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.96	97.9	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.96	99.3	6.00	1.40	
Total BTEX	<0.300	0.300	05/04/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	211	105	200	2.89	
DRO >C10-C28*	11.4	10.0	05/04/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.7 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 33 @ 1' (H232181-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.97	98.3	2.00	1.67	
Toluene*	<0.050	0.050	05/04/2023	ND	1.99	99.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.96	97.9	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.96	99.3	6.00	1.40	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	211	105	200	2.89	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 78.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 34 @ 1' (H232181-09)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/04/2023	ND	1.97	98.3	2.00	1.67	
Toluene*	<0.050	0.050	05/04/2023	ND	1.99	99.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/04/2023	ND	1.96	97.9	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/04/2023	ND	5.96	99.3	6.00	1.40	
Total BTEX	<0.300	0.300	05/04/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	211	105	200	2.89	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 78.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 85.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 35 @ 1' (H232181-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2023	ND	1.97	98.3	2.00	1.67	
Toluene*	<0.050	0.050	05/05/2023	ND	1.99	99.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	1.96	97.9	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	5.96	99.3	6.00	1.40	
Total BTEX	<0.300	0.300	05/05/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	211	105	200	2.89	
DRO >C10-C28*	18.3	10.0	05/04/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 87.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 36 @ 1' (H232181-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2023	ND	1.97	98.3	2.00	1.67	
Toluene*	<0.050	0.050	05/05/2023	ND	1.99	99.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	1.96	97.9	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	5.96	99.3	6.00	1.40	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	211	105	200	2.89	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 83.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.0 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 37 @ 1' (H232181-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2023	ND	1.97	98.3	2.00	1.67	
Toluene*	<0.050	0.050	05/05/2023	ND	1.99	99.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	1.96	97.9	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	5.96	99.3	6.00	1.40	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	211	105	200	2.89	
DRO >C10-C28*	<10.0	10.0	05/04/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 81.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.1 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/03/2023	Sampling Date:	05/02/2023
Reported:	05/08/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 38 @ 1' (H232181-13)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2023	ND	1.97	98.3	2.00	1.67	
Toluene*	<0.050	0.050	05/05/2023	ND	1.99	99.4	2.00	2.84	
Ethylbenzene*	<0.050	0.050	05/05/2023	ND	1.96	97.9	2.00	1.81	
Total Xylenes*	<0.150	0.150	05/05/2023	ND	5.96	99.3	6.00	1.40	
Total BTEX	<0.300	0.300	05/05/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/04/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/04/2023	ND	211	105	200	2.89	
DRO >C10-C28*	54.5	10.0	05/04/2023	ND	201	101	200	3.24	
EXT DRO >C28-C36	<10.0	10.0	05/04/2023	ND					

Surrogate: 1-Chlorooctane 82.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.4 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

May 09, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: ANTELOPE B2NC

Enclosed are the results of analyses for samples received by the laboratory on 05/05/23 10:10.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 1 (H232227-01)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2023	ND	1.91	95.3	2.00	8.92	
Toluene*	<0.050	0.050	05/08/2023	ND	1.96	98.2	2.00	8.75	
Ethylbenzene*	<0.050	0.050	05/08/2023	ND	1.89	94.7	2.00	9.35	
Total Xylenes*	<0.150	0.150	05/08/2023	ND	5.86	97.7	6.00	9.89	
Total BTEX	<0.300	0.300	05/08/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	05/08/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	170	84.8	200	5.40	
DRO >C10-C28*	169	10.0	05/05/2023	ND	153	76.7	200	0.983	
EXT DRO >C28-C36	22.1	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 95.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 2 (H232227-02)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/08/2023	ND	1.91	95.3	2.00	8.92		
Toluene*	<0.050	0.050	05/08/2023	ND	1.96	98.2	2.00	8.75		
Ethylbenzene*	<0.050	0.050	05/08/2023	ND	1.89	94.7	2.00	9.35		
Total Xylenes*	<0.150	0.150	05/08/2023	ND	5.86	97.7	6.00	9.89		
Total BTEX	<0.300	0.300	05/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	176	16.0	05/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	170	84.8	200	5.40		
DRO >C10-C28*	118	10.0	05/05/2023	ND	153	76.7	200	0.983		
EXT DRO >C28-C36	17.6	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 99.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: EW 3 (H232227-03)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/08/2023	ND	1.91	95.3	2.00	8.92		
Toluene*	<0.050	0.050	05/08/2023	ND	1.96	98.2	2.00	8.75		
Ethylbenzene*	<0.050	0.050	05/08/2023	ND	1.89	94.7	2.00	9.35		
Total Xylenes*	<0.150	0.150	05/08/2023	ND	5.86	97.7	6.00	9.89		
Total BTEX	<0.300	0.300	05/08/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	05/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	170	84.8	200	5.40		
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	153	76.7	200	0.983		
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 97.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 1 (H232227-04)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2023	ND	1.91	95.3	2.00	8.92	
Toluene*	<0.050	0.050	05/08/2023	ND	1.96	98.2	2.00	8.75	
Ethylbenzene*	<0.050	0.050	05/08/2023	ND	1.89	94.7	2.00	9.35	
Total Xylenes*	<0.150	0.150	05/08/2023	ND	5.86	97.7	6.00	9.89	
Total BTEX	<0.300	0.300	05/08/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/08/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	170	84.8	200	5.40	
DRO >C10-C28*	24.8	10.0	05/05/2023	ND	153	76.7	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 93.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: WW 2 (H232227-05)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2023	ND	1.91	95.3	2.00	8.92	
Toluene*	<0.050	0.050	05/08/2023	ND	1.96	98.2	2.00	8.75	
Ethylbenzene*	<0.050	0.050	05/08/2023	ND	1.89	94.7	2.00	9.35	
Total Xylenes*	<0.150	0.150	05/08/2023	ND	5.86	97.7	6.00	9.89	
Total BTEX	<0.300	0.300	05/08/2023	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	05/08/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	170	84.8	200	5.40	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	153	76.7	200	0.983	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 96.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 112 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: NW 1 (H232227-06)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2023	ND	1.91	95.3	2.00	8.92	
Toluene*	<0.050	0.050	05/08/2023	ND	1.96	98.2	2.00	8.75	
Ethylbenzene*	<0.050	0.050	05/08/2023	ND	1.89	94.7	2.00	9.35	
Total Xylenes*	<0.150	0.150	05/08/2023	ND	5.86	97.7	6.00	9.89	
Total BTEX	<0.300	0.300	05/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	05/08/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	170	84.8	200	5.40	
DRO >C10-C28*	323	10.0	05/05/2023	ND	153	76.7	200	0.983	
EXT DRO >C28-C36	54.8	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 93.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: NW 2 (H232227-07)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/08/2023	ND	1.91	95.3	2.00	8.92		
Toluene*	<0.050	0.050	05/08/2023	ND	1.96	98.2	2.00	8.75		
Ethylbenzene*	<0.050	0.050	05/08/2023	ND	1.89	94.7	2.00	9.35		
Total Xylenes*	<0.150	0.150	05/08/2023	ND	5.86	97.7	6.00	9.89		
Total BTEX	<0.300	0.300	05/08/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	159	79.5	200	5.37	QR-03	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	163	81.7	200	6.15	QR-03	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 113 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: NW 3 (H232227-08)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2023	ND	1.91	95.3	2.00	8.92	
Toluene*	<0.050	0.050	05/08/2023	ND	1.96	98.2	2.00	8.75	
Ethylbenzene*	<0.050	0.050	05/08/2023	ND	1.89	94.7	2.00	9.35	
Total Xylenes*	<0.150	0.150	05/08/2023	ND	5.86	97.7	6.00	9.89	
Total BTEX	<0.300	0.300	05/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/08/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	173	86.6	200	1.79	
DRO >C10-C28*	143	10.0	05/08/2023	ND	191	95.4	200	2.81	
EXT DRO >C28-C36	17.7	10.0	05/08/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

* = Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: NW 4 (H232227-09)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/08/2023	ND	1.91	95.3	2.00	8.92	
Toluene*	<0.050	0.050	05/08/2023	ND	1.96	98.2	2.00	8.75	
Ethylbenzene*	<0.050	0.050	05/08/2023	ND	1.89	94.7	2.00	9.35	
Total Xylenes*	<0.150	0.150	05/08/2023	ND	5.86	97.7	6.00	9.89	
Total BTEX	<0.300	0.300	05/08/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/08/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	159	79.5	200	5.37	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	163	81.7	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 122 % 48.2-134

Surrogate: 1-Chlorooctadecane 129 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: NW 5 (H232227-10)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/08/2023	ND	1.91	95.3	2.00	8.92		
Toluene*	<0.050	0.050	05/08/2023	ND	1.96	98.2	2.00	8.75		
Ethylbenzene*	<0.050	0.050	05/08/2023	ND	1.89	94.7	2.00	9.35		
Total Xylenes*	<0.150	0.150	05/08/2023	ND	5.86	97.7	6.00	9.89		
Total BTEX	<0.300	0.300	05/08/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	173	86.6	200	1.79		
DRO >C10-C28*	37.3	10.0	05/08/2023	ND	191	95.4	200	2.81		
EXT DRO >C28-C36	<10.0	10.0	05/08/2023	ND						

Surrogate: 1-Chlorooctane 86.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SW 1 (H232227-11)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	1.95	97.5	2.00	5.26		
Toluene*	<0.050	0.050	05/06/2023	ND	1.95	97.7	2.00	3.92		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.08	104	2.00	3.79		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.13	102	6.00	4.51		
Total BTEX	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	159	79.5	200	5.37		
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	163	81.7	200	6.15		
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND						

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SW 2 (H232227-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/06/2023	ND	1.95	97.5	2.00	5.26	
Toluene*	<0.050	0.050	05/06/2023	ND	1.95	97.7	2.00	3.92	
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.08	104	2.00	3.79	
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.13	102	6.00	4.51	
Total BTEX	<0.300	0.300	05/06/2023	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/08/2023	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/05/2023	ND	159	79.5	200	5.37	
DRO >C10-C28*	<10.0	10.0	05/05/2023	ND	163	81.7	200	6.15	
EXT DRO >C28-C36	<10.0	10.0	05/05/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.2 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/05/2023	Sampling Date:	05/03/2023
Reported:	05/09/2023	Sampling Type:	Soil
Project Name:	ANTELOPE B2NC	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE		

Sample ID: SW 3 (H232227-13)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/06/2023	ND	1.95	97.5	2.00	5.26		
Toluene*	<0.050	0.050	05/06/2023	ND	1.95	97.7	2.00	3.92		
Ethylbenzene*	<0.050	0.050	05/06/2023	ND	2.08	104	2.00	3.79		
Total Xylenes*	<0.150	0.150	05/06/2023	ND	6.13	102	6.00	4.51		
Total BTEX	<0.300	0.300	05/06/2023	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	05/08/2023	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/08/2023	ND	173	86.6	200	1.79		
DRO >C10-C28*	131	10.0	05/08/2023	ND	191	95.4	200	2.81		
EXT DRO >C28-C36	14.3	10.0	05/08/2023	ND						

Surrogate: 1-Chlorooctane 82.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND Analyte NOT DETECTED at or above the reporting limit
RPD Relative Percent Difference
** Samples not received at proper temperature of 6°C or below.
*** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

May 11, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: ANTELOPE 9 B2NC STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 05/09/23 10:55.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 13 @ 3.5' (H232283-01)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2023	ND	194	96.9	200	3.19	
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	185	92.4	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		86.0 %	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		93.6 %	<i>49.1-148</i>						

Sample ID: FL 20 @ 2' (H232283-02)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2023	ND	194	96.9	200	3.19	
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	185	92.4	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		82.5 %	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		88.4 %	<i>49.1-148</i>						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/09/2023	Sampling Date:	05/08/2023
Reported:	05/11/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	Cool & Intact
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: FL 23 @ 3' (H232283-03)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2023	ND	194	96.9	200	3.19	
DRO >C10-C28*	<10.0	10.0	05/10/2023	ND	185	92.4	200	3.73	
EXT DRO >C28-C36	<10.0	10.0	05/10/2023	ND					
<hr/>									
Surrogate: 1-Chlorooctane	77.5 %	48.2-134							
Surrogate: 1-Chlorooctadecane	82.2 %	49.1-148							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

May 16, 2023

LANCE CRENSHAW

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: ANTELOPE 9 B2NC STATE COM 1H

Enclosed are the results of analyses for samples received by the laboratory on 05/11/23 13:44.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/16/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	** (See Notes)
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: EW1A (H232361-01)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	217	109	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	205	102	200	0.277	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>114 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>112 %</i>	<i>49.1-148</i>						

Sample ID: EW2A (H232361-02)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	217	109	200	1.37	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	205	102	200	0.277	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>109 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>106 %</i>	<i>49.1-148</i>						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/16/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	** (See Notes)
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: NW1A (H232361-03)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	233	117	200	5.53	
DRO >C10-C28*	11.2	10.0	05/12/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>95.3 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>101 %</i>	<i>49.1-148</i>						

Sample ID: NW3A (H232361-04)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
<i>Surrogate: 1-Chlorooctane</i>		<i>95.6 %</i>	<i>48.2-134</i>						
<i>Surrogate: 1-Chlorooctadecane</i>		<i>101 %</i>	<i>49.1-148</i>						

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 LANCE CRENSHAW
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	05/11/2023	Sampling Date:	05/11/2023
Reported:	05/16/2023	Sampling Type:	Soil
Project Name:	ANTELOPE 9 B2NC STATE COM 1H	Sampling Condition:	** (See Notes)
Project Number:	18093	Sample Received By:	Tamara Oldaker
Project Location:	MEWBOURNE - LEA CO NM		

Sample ID: SW3A (H232361-05)

TPH 8015M	mg/kg	Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/12/2023	ND	233	117	200	5.53	
DRO >C10-C28*	<10.0	10.0	05/12/2023	ND	227	113	200	8.19	
EXT DRO >C28-C36	<10.0	10.0	05/12/2023	ND					
<hr/>									
Surrogate: 1-Chlorooctane	94.5 %	48.2-134							
Surrogate: 1-Chlorooctadecane	99.5 %	49.1-148							

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.		BILL TO				ANALYSIS REQUEST																		
Project Manager: Lance Crenshaw		P.O. #:				<div style="display: flex; justify-content: space-around;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH (8015M)</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX (8021B)</div> </div>																		
Address: 2617 W Marland		Company: Mewbourne																						
City: Hobbs State: NM Zip: 88240		Attn: Connor Walker																						
Phone #: (575) 264-9884 Fax #:		Address:																						
Project #: 18093 Project Owner:		City:																						
Project Name: Antelope G BZNC STATE COM I H		State: Zip:																						
Project Location:		Phone #:																						
Sampler Name: Quantis Apex		Fax #:																						
FOR LAB USE ONLY				MATRIX		PRESERV.		SAMPLING																
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME										
H232361													5/11/23											
1	EW1A	C																						
2	EW2A	C																						
3	NW1A	C																						
4	NW3A	C																						
5	SW3A	C																						
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or processors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																								
Relinquished By: <i>[Signature]</i>		Date: 5/11/23	Received By: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS:															
Relinquished By:		Time: 1344	Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:																	
Relinquished By:		Date:	Received By:		REMARKS:																			
Relinquished By:		Time:	Received By:																					
Delivered By: (Circle One)		#113	Sample Condition		CHECKED BY: (Initials)		Please email results and copy of CoC to pm@etechenv.com.																	
Sampler - UPS - Bus - Other: 9.8c/9.2c			Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Y.O.																			

Appendix E

Regulatory Correspondence

From: [Lance Crenshaw](#)
To: [Enviro, OCD, EMNRD](#)
Cc: [Ben Arguijo](#); [Connor Walker](#); [Joel Lowry](#)
Subject: Sampling Notification
Date: Monday, May 8, 2023 11:03:47 AM

This email serves as notice that Etech intends to collect excavation confirmation soil samples on May 12-15 from the following locations/reportable release sites:

Mewbourne Oil Co –Antelope 9 B2NC State Com #001H- nAPP2311029101
Mewbourne Oil Co- CWMS Fleetwood Riser- napp2308026482
Mewbourne Oil Co- Malaga 30 MP Battery Fire – napp2305942242
Mewbourne Oil Co – Greyhound Booster – napp2311157492

If you have any questions or need any additional information, please contact Lance Crenshaw by phone (575-631-2532) or email lance@etechnv.com.

Lance Crenshaw
Etech Environmental & Safety Solutions
575-631-2532

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 237955

CONDITIONS

Operator: MEWBOURNE OIL CO P.O. Box 5270 Hobbs, NM 88241	OGRID: 14744
	Action Number: 237955
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	10/2/2023