

Incident ID	nAPP2116745753
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: Carolyn Blackaller Title: Sr. Environmental Specialist
Signature:  Date: 11/5/2021
email: Carolyn.Blackaller@energytransfer.com Telephone: (432)203-8290

OCD Only

Received by: Chad Hensley Date: 12/07/2021

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: 12/07/2021
Printed Name: Chad Hensley Title: Environmental Specialist Advanced


Remediation Summary & Soil Closure Request

ETC Texas Pipeline, Ltd. Cal C Pipeline

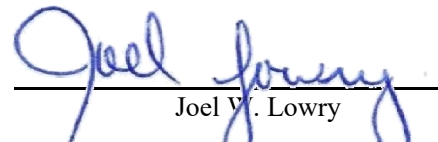
Lea County, New Mexico
Unit Letter A, Section 12, Township 26 South, Range 36 East
Latitude 32.064591 North, Longitude 103.210708 West
NMOCD Reference No. nAPP2116745753

Prepared By:

Etech Environmental & Safety Solutions, Inc.
2507 79th Street, Unit A
Lubbock, Texas 79423



Ben J. Arguijo



Joel V. Lowry



Midland • San Antonio • Lubbock • Hobbs • Lafayette

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FIGURES

Figure 1 - Topographic Map

Figure 2 - Aerial Proximity 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 Log

Appendix C - Laboratory Analytical Reports

Appendix D - Photographic Log

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of ETC Texas Pipeline, Ltd., has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Cal C Pipeline (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.064591 Longitude: -103.210708

Provided GPS are in WGS84 format.

Site Name:	Cal C Pipeline	Site Type:	Pipeline
Date Release Discovered:	6/12/2021	API # (if applicable):	N/A

Unit Letter	Section	Township	Range	County
A	12	26S	36E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name El Paso Natural Gas Company)

Nature and Volume of Release

<input type="checkbox"/> Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
<input type="checkbox"/> Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	Is the concentration of total dissolved solids (TDS) in the produced water > 10,000 mg/L?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" 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 checked="" type="checkbox"/> Other (describe) Pipeline Liquids	Volume/Weight Released (bbls) 6.33	Volume/Weight Recovered (bbls) 3

Cause of Release:

The release was attributed to the rubber blowing out of an existing clamp. The rubber on the clamp was replaced, then the section of line was put back into service.

Initial Response

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

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

2.0 SITE CHARACTERIZATION

A search of groundwater databases maintained by the New Mexico Office of the State Engineer (NMOSE) and United States Geological Survey (USGS) was conducted in an effort to determine the horizontal distance to known water sources within a half-mile radius of the 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?	> 100'		
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 type="checkbox"/> Yes	<input checked="" 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 Site are as follows:

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
> 100'	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	-
	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 INITIAL SITE ASSESSMENT

On June 22, 2021, Etech conducted an initial site assessment. During the initial site assessment, a series of hand-augered soil bores (NH, EH, SH, WH, and V1) were advanced within the release margins and at the inferred edges of the affected area in an effort to determine the horizontal and vertical extent of impacted soil. During the advancement of the hand-augered soil bores, field soil samples were collected and field-screened for the presence of volatile organic compounds utilizing visual/olfactory senses and concentrations of chloride utilizing a Hach Quantab ® chloride test kit.

Based on field observations and field test data, Etech submitted 11 delineation soil samples (NH @ Surface, NH @ 1', EH @ Surface, EH @ 1', SH @ Surface, SH @ 1', WH @ Surface, WH @ 1', V1 @ Surface, V1 @ 2', and V1 @ 4') to a certified commercial laboratory for analysis of BTEX, TPH, and chloride. Based on laboratory analytical results, soil was not affected above the NMOCD Closure Criteria, and the horizontal and vertical extent of impacted soil was adequately defined.

5.0 PROPOSED REMEDIATION PLAN

Based on laboratory analytical results, site characteristics, and field observations made during the initial site assessment, ETC Texas Pipeline, Ltd., proposed the following remediation activities designed to advance the Site toward an approved closure:

- Excavate impacted soil within the release margins. Advance the floor and sidewalls of the excavated area until laboratory analytical results indicate concentrations of BTEX, TPH, and chloride are below the NMOCD Closure Criteria.
- Temporarily stockpile excavated soil on-site, then transport it to an NMOCD-permitted surface waste facility for disposal.
- Upon receiving laboratory analytical results from confirmation soil samples, backfill the excavated area with locally sourced, non-impacted, "like" material.
- Upon completion of remediation activities, prepare a *Remediation Summary & Soil Closure Request* detailing field activities and laboratory analytical results from confirmation soil samples.

6.0 REGULATORY APPROVALS & STIPULATIONS

On July 6, 2021, a *Site Assessment Report and Proposed Remediation Workplan* was submitted to the NMOCD proposing the aforementioned remediation activities to advance the Site toward regulatory closure. The proposed workplan was subsequently approved by the NMOCD, with no added stipulations.

Please reference the *Site Assessment Report and Proposed Remediation Workplan* for additional details regarding site characterization and proposed remediation activities.

7.0 REMEDIATION ACTIVITIES SUMMARY

On October 18, 2021, remediation activities commenced at the Site. In accordance with the NMOCD-approved workplan, impacted soil affected above the NMOCD Closure Criteria 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 vertical and horizontal extent of impacted soil and to guide the excavation. The floor and sidewalls 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 NMOCD Reclamation Standards.

Etech collected 16 confirmation soil samples (NW, EW, SW, WW, and FL 1 @ 2" through FL 12 @ 2") from the sidewalls and floor of the excavated area. The soil samples were submitted to a certified commercial 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.

The final dimensions of the excavated area were approximately 46 feet in length, 44 feet in width, and two (2) inches in depth. During the course of remediation activities, approximately 14 cubic yards of impacted soil were transported to an NMOCD-permitted surface waste facility for disposal. Approximately 14 cubic yards of locally sourced, non-impacted material were imported 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 and a soil profile log are provided in Appendix B. Laboratory analytical reports are provided in Appendix C. General photographs of the Site are provided in Appendix D.

8.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

The release was limited to the caliche pad of an active pipeline facility. 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 contoured and/or compacted to achieve erosion control, stability, and preservation of surface water flow to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency- and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the Site.

9.0 SOIL CLOSURE REQUEST

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

Based on laboratory analytical results and field activities conducted to date, Etech recommends ETC Texas Pipeline, Ltd., provide copies of this *Remediation Summary & Soil Closure Request* to the appropriate agencies and request closure be granted to the Site.

10.0 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 reference in the report and on oral statements made by certain individuals. Etech has not conducted an independent examination of the facts contained in referenced materials and statements. Etech has presumed the genuineness of these documents and statements and that the information provided therein is true and accurate. Etech has prepared the report in a professional manner, using the degree of skill and care exercised by similar environmental consultants. Etech notes that the facts and conditions referenced in this report may change over time, and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report.

This report has been prepared for the benefit of ETC Texas Pipeline, Ltd. Use of the information contained in this report is prohibited without the consent of Etech and/or ETC Texas Pipeline, Ltd.

11.0 DISTRIBUTION

ETC Texas Pipeline, Ltd.

600 N. Marienfeld. St.

Suite 700

Midland, TX 79701

New Mexico Energy, Minerals and Natural Resources Department

Oil Conservation Division, District 1

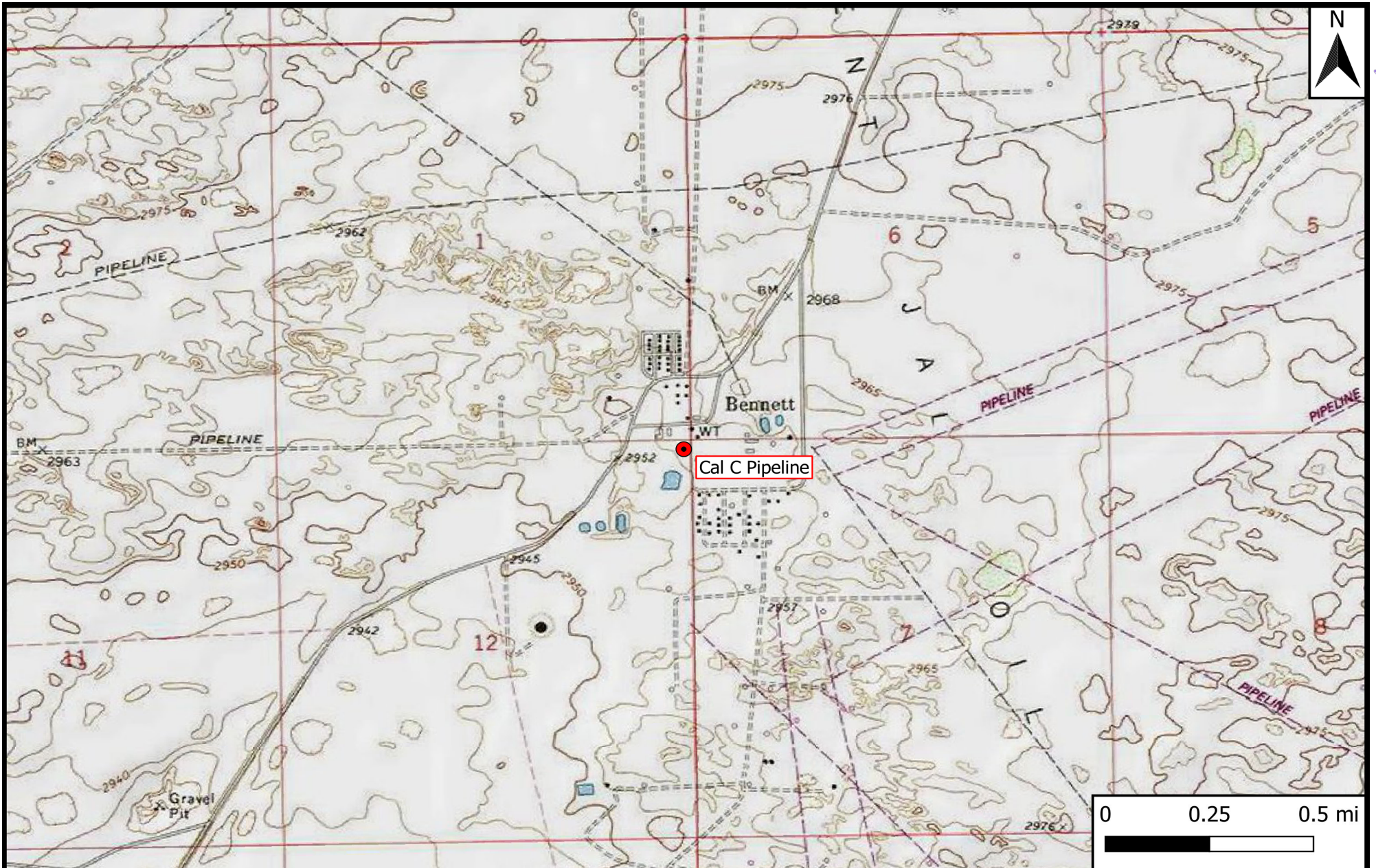
1220 South St. Francis Drive

Santa Fe, NM 87505

(Electronic Submission)

Figure 1

Topographic Map



Legend
● Site Location

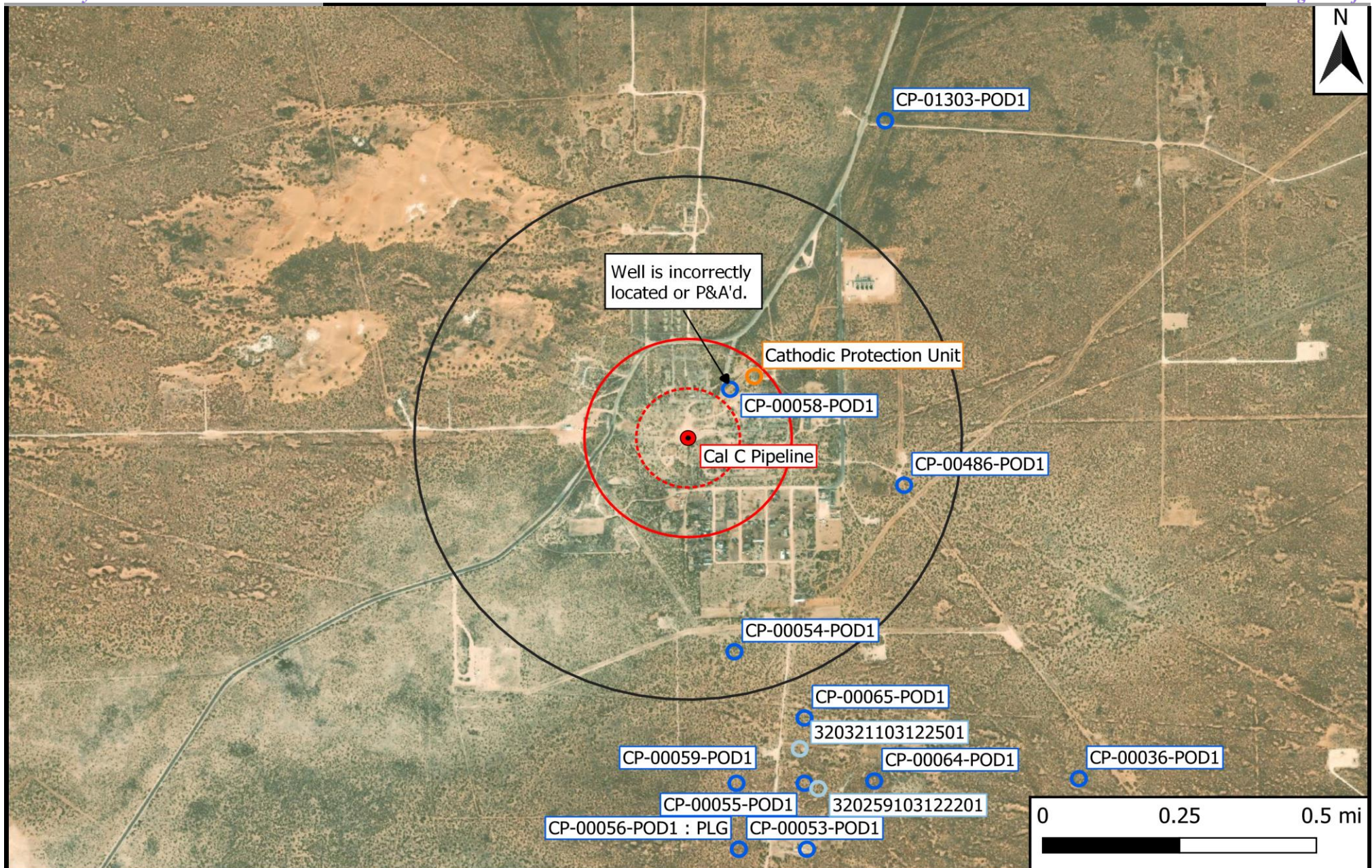
Figure 1
Topographic Map
ETC Texas Pipeline, Ltd.
Cal C Pipeline
GPS: 32.064591, -103.210708
Lea County



Drafted: bja Checked: jwl Date: 10/20/21

Figure 2

Aerial Proximity Map



Legend

● Site Location	1% Annual Flood Chance	500-Ft Radius
○ Well - NMOSE	Emergent/Forested Wetlands	1,000-Ft Radius
○ Well - USGS	Freshwater Pond/Lake	0.5-Mi Radius
○ Well - Other	Medium/High Karst	
— Potash Mine Workings	Riverine	

Figure 2

Aerial Proximity Map
ETC Texas Pipeline, Ltd.
Cal C Pipeline
GPS: 32.064591, -103.210708
Lea County

ETECH
Environmental & Safety Solutions, Inc.

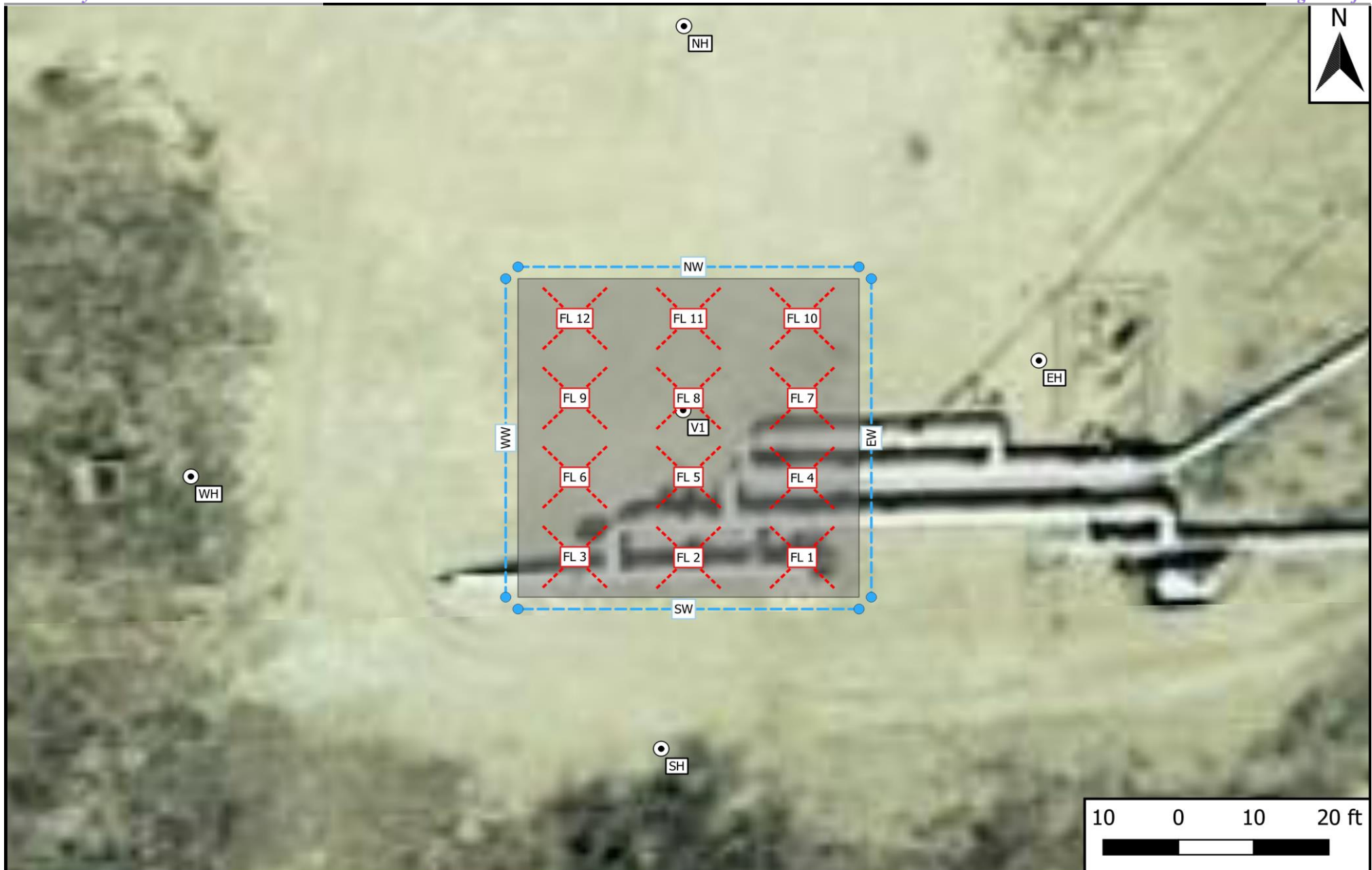
Drafted: bja

Checked: jwl

Date: 10/20/21

Figure 3

Site & Sample Location Map



Legend

- Excavation Extent
- Auger Hole
- Composite Floor Sample
- Composite Wall Sample

Figure 3

Site & Sample Location Map
 ETC Texas Pipeline, Ltd.
 Cal C Pipeline
 GPS: 32.064591, -103.210708
 Lea County

ETECH

Environmental & Safety Solutions, Inc.



Drafted: bja

Checked: jwl

Date: 11/3/21

Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1 Concentrations of BTEX, TPH & Chloride in Soil ETC Texas Pipeline, Ltd. Cal C Pipeline NMOCD Ref. #: nAPP2116745753											
NMOCD Closure Criteria				10	50	-	-	1,000	-	2,500	20,000
NMOCD Reclamation Standard				10	50	-	-	-	-	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)
Delineation Samples											
NH @ Surface	6/22/2021	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
NH @ 1'	6/22/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EH @ Surface	6/22/2021	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EH @ 1'	6/22/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SH @ Surface	6/22/2021	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
SH @ 1'	6/22/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
WH @ Surface	6/22/2021	0	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
WH @ 1'	6/22/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
V1 @ Surface	6/22/2021	0	In-Situ	<0.050	7.66	232	602	834	37.7	872	304
V1 @ 2'	6/22/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
V1 @ 4'	6/22/2021	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
Excavation Samples											
NW	10/18/2021	0 - 0.17	In-Situ	<0.050	<0.300	<10.0	24.7	24.7	16.0	40.7	752
EW	10/18/2021	0 - 0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
SW	10/18/2021	0 - 0.17	In-Situ	<0.050	<0.300	<10.0	49.8	49.8	28.9	78.7	1,940
WW	10/18/2021	0 - 0.17	In-Situ	<0.050	<0.300	<10.0	11.9	11.9	<10.0	11.9	832
FL 1 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,600
FL 2 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	496	496	128	624	560
FL 3 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	13.4	13.4	11.0	24.4	192
FL 4 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	18.7	18.7	<10.0	18.7	320
FL 5 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	97.3	97.3	37.4	135	32.0
FL 6 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	128
FL 7 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	39.0	39.0	<10.0	39.0	80.0
FL 8 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	85.1	85.1	11.1	96.2	48.0
FL 9 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
FL 10 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	304
FL 11 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL 12 @ 2"	10/18/2021	0.17	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,180

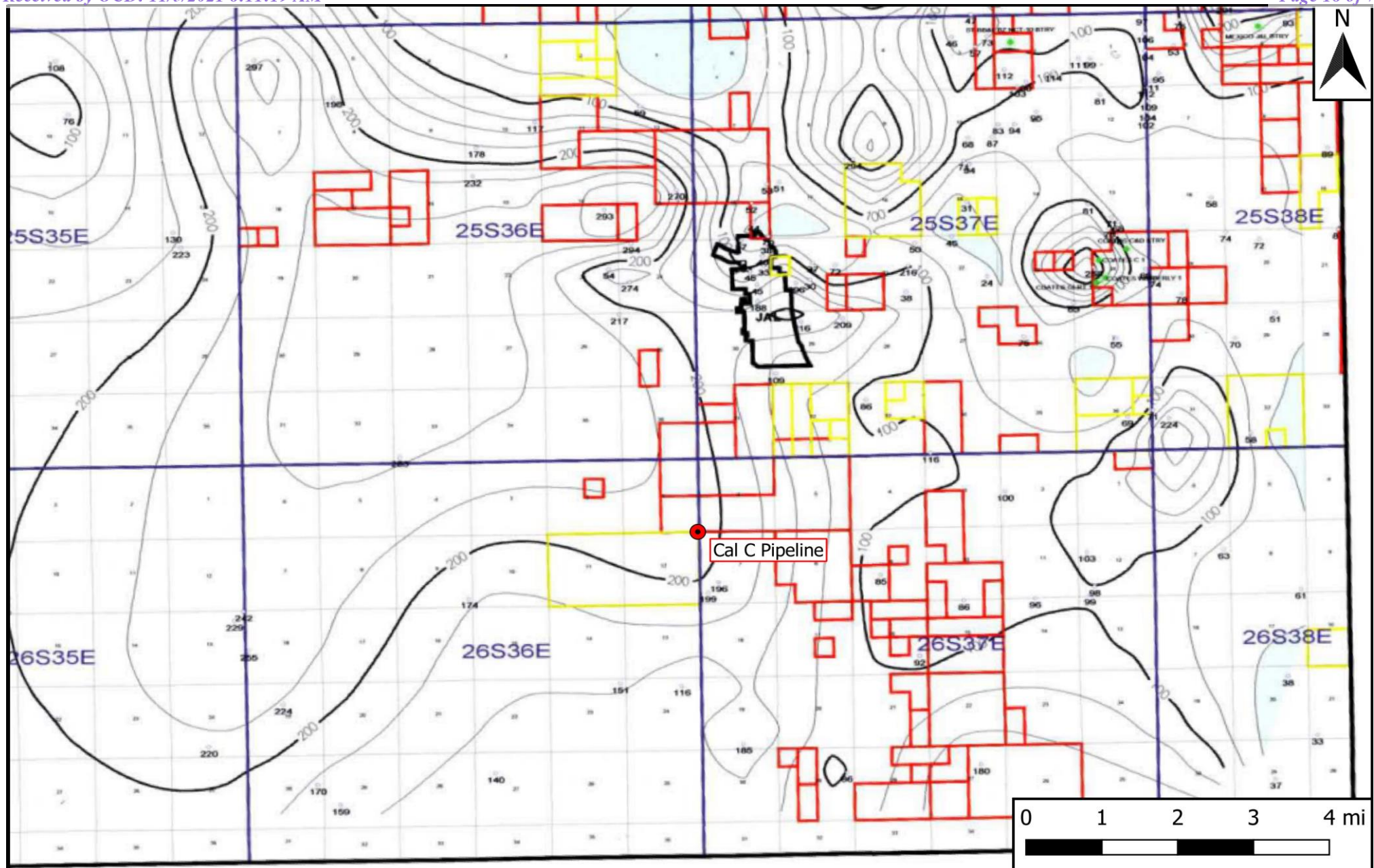
Dash (-): Sample not analyzed for that constituent.

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
ETC Texas Pipeline, Ltd.
Cal C Pipeline
GPS: 32.064591, -103.210708
Lea County

ETECH
Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date: 10/20/21



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

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

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

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	Depth	Well	Depth	Water Column
CP 00486 POD1		CP	LE	2	1	07	26S	37E		669537	3548851*	651		500		
CP 00054 POD1		CP	LE	3	3	1	07	26S	37E	669038	3548341*	668		440		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 2

UTMNAD83 Radius Search (in meters):

Easting (X): 668901.68

Northing (Y): 3548995.52

Radius: 804.67

*UTM location was derived from PLSS - see Help

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.

11/2/21 4:39 PM


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
	CP 00058 POD1	3	3	3	06	26S	37E	669025	3549145* 

x

Driller License:**Driller Company:****Driller Name:****Drill Start Date:****Drill Finish Date:****Plug Date:****Log File Date:** 12/03/1953**PCW Rcv Date:****Source:** Shallow**Pump Type:****Pipe Discharge Size:****Estimated Yield:****Casing Size:****Depth Well:****Depth Water:**

x

*UTM location was derived from PLSS - see Help

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.

6/28/21 11:51 AM

POINT OF DIVERSION SUMMARY



New Mexico Office of the State Engineer

Transaction Summary

DCL Declaration of a Water Right

Transaction Number: 590599

Transaction Desc: CP 00058

File Date: 12/03/1953




Primary Status: DCL Declared

Secondary Status: LOG Well Log Received

Person Assigned: *****

Applicant: EL PASO NATURAL GAS COMPANY

Events

	Date	Type	Description	Comment	Processed By
	get images 12/03/1953	APP	Application Received	*	*****
	12/03/1953	FTN	Finalize non-published Trans.		*****
	get images 12/03/1953	LOG	Well Log Received	*	*****
	01/01/1994	CN5	Meter Installation Request		*****
	get images 07/19/2016	TEC	Technical Report	*FILE JACKET	*****
	08/25/2016	QAT	Quality Assurance Completed	SQ2	*****
	08/26/2016	QAT	Quality Assurance Completed	IMAGE	*****
	05/24/2017	QAT	Quality Assurance Completed	IMAGE INSERTS	*****

Water Right Information

WR File Nbr	Acres	Diversion	Consumptive	Purpose of Use
CP 00058	0	0		PPP PETROLEUM PROCESSING PLANT

**Point of Diversion

CP 00058 POD1 669025 3549145* 

An () after northing value indicates UTM location was derived from PLSS - see Help

**Place of Use

Q	Q	Q	Q	Sec	Tws	Rng	Acres	Diversion	Consumptive	Use	Priority	Status	Other	Loc	Desc
256	64	16	4				0	0		PPP	09/27/1965	DCL		NO PLACE OF	USE GIVEN

Remarks

MISCELLANEOUS FILE #13-16 HAS BEEN RENUMBERED TO OSE FILE # CP-00058.

ABTRACTOR'S NOTE : METER CONDITION 5B WAS ADDED TO THIS TRANSACTION PER STATE ENGINEER ADOPTED GROUNDWATER REGULATION 1-18. SEE STATE ENGINEER ORDER DATED 02/09/1993.

ABSTRACTOR'S NOTE: THE DECLARATION IS IN GPM AND HAS NOT BEEN VALIDATED.

Conditions

Received by OCD: 5/15/2021 8:11:19 AM

Page 22 of 75

5B. A totalizing meter shall be installed before the first branch of the discharge line from the well and the installation shall be acceptable to the State Engineer; the Engineer shall be advised of the make, model, serial number, date of installation, and initial reading of the meter prior to appropriation of water; pumping records shall be submitted to the District Supervisor on or before the 10th of Jan., April, July, and Oct. of each year for the 3 preceding calendar months.

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.

6/28/21 11:45 AM

TRANSACTION 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
	CP 00054 POD1	3	3	1	07	26S	37E	669038	3548341* 

x

Driller License:**Driller Company:****Driller Name:****Drill Start Date:****Drill Finish Date:****Plug Date:****Log File Date:** 11/17/1953**PCW Rcv Date:****Source:** Shallow**Pump Type:****Pipe Discharge Size:****Estimated Yield:****Casing Size:** 10.75**Depth Well:** 440 feet**Depth Water:**

x

Water Bearing Stratifications:**Top Bottom Description**

222 251 Sandstone/Gravel/Conglomerate

351 372 Sandstone/Gravel/Conglomerate

375 381 Sandstone/Gravel/Conglomerate

400 440 Sandstone/Gravel/Conglomerate

x

Casing Perforations:**Top Bottom**

103 236

278 299

340 360

381 440

x

*UTM location was derived from PLSS - see Help

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.


6/28/21 11:35 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
	CP 00486 POD1	2	1	07	26S	37E	669537	3548851*	

x

Driller License: 122**Driller Company:** UNKNOWN**Driller Name:****Drill Start Date:****Drill Finish Date:****Plug Date:****Log File Date:****PCW Rcv Date:****Source:** Shallow**Pump Type:****Pipe Discharge Size:****Estimated Yield:****Casing Size:** 8.00**Depth Well:** 500 feet**Depth Water:**

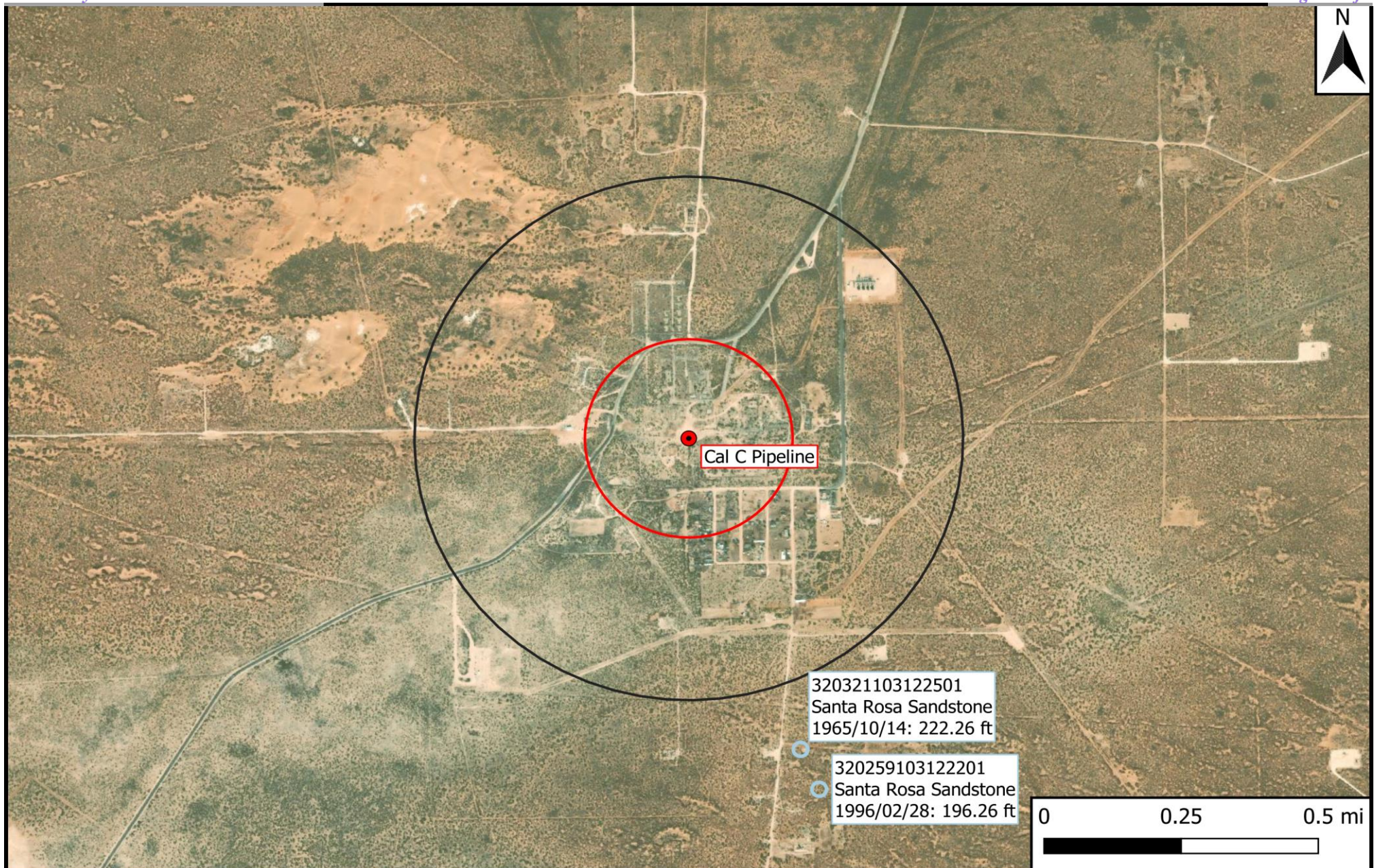
x

*UTM location was derived from PLSS - see Help

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.

6/28/21 11:35 AM

POINT OF DIVERSION SUMMARY



Legend

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

Figure 5

USGS Well Proximity Map
ETC Texas Pipeline, Ltd.
Cal C Pipeline
GPS: 32.064591, -103.210708
Lea County

eTECH
Environmental & Safety Solutions, Inc.

Drafted: bja

Checked: jwl

Date: 10/20/21



USGS Home
Contact USGS
Search USGS

National Water Information System: Web Interface

USGS Water Resources

Data Category:
Groundwater

Geographic Area:
United States

GO

Click forNews Bulletins

Groundwater levels for the Nation

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

Search Results -- 1 sites found

Agency code = usgs
site_no list =

- 320259103122201

Minimum number of levels = 1
[Save file of selected sites](#) to local disk for future upload

USGS 320259103122201 26S.37E.07.314424

Lea County, New Mexico
Latitude 32°03'17", Longitude 103°12'23" NAD27
Land-surface elevation 2,956.40 feet above NGVD29
The depth of the well is 470 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
1965-10-14			D 72019	209.25			3	Z			A
1990-11-14			D 72019	192.46			1	Z			A
1996-02-28			D 72019	196.26			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
Status	3	True value is above reported value due to local conditions
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.

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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: 2021-11-02 18:35:56 EDT

0.39 0.25 nadww01





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 =

- 320321103122501

Minimum number of levels = 1

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

USGS 320321103122501 26S.37E.07.332141

Lea County, New Mexico

Latitude 32°03'21", Longitude 103°12'25" NAD27

Land-surface elevation 2,961 feet above NAVD88

The depth of the well is 470 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
<input type="text" value="1965-10-14"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="72019"/>	<input type="text" value="222.26"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="1"/>	<input type="text" value="Z"/>	<input type="text" value=""/>	<input type="text" value=""/>	<input type="text" value="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.

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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: 2021-11-02 18:37:25 EDT

0.35 0.24 nadww01



Appendix B

Field Data & Soil Profile Logs

Sample Log

Date: 6/22/21

Project: Cal C Release

Project Number: 14341 Latitude: 32.064591 Longitude: -103.210708

[illegible]

Sample Point = SP #1 @ ## etc

Floor = FL #1 etc

Sidewall = SW #1 etc

Test Trench = TT #1 @ ##

Refusal = SP #1 @ 4'-R

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

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

Stockpile = Stockpile #1

GPS Sample Points, Center of Comp Areas



Soil Profile

Date: 6/22/21

Project: Cal C Release

Project Number: 14341 Latitude: 32.064591 Longitude: -103.210708

Depth (ft. bgs)

Description

1	Caliche	Hard to see stain
2		
3		
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Appendix C

Laboratory Analytical Reports



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

June 25, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: CAL - C RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 06/22/21 16:15.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-20-13. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/22/2021	Sampling Date:	06/22/2021
Reported:	06/25/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Jodi Henson
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: NH @ SURFACE (H211618-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2021	ND	1.98	99.1	2.00	5.28	
Toluene*	<0.050	0.050	06/23/2021	ND	2.03	101	2.00	7.44	
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.94	97.1	2.00	7.58	
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.85	97.5	6.00	7.72	
Total BTX	<0.300	0.300	06/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	06/23/2021	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	06/23/2021	ND	203	101	200	1.61	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	209	104	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/22/2021	Sampling Date:	06/22/2021
Reported:	06/25/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Jodi Henson
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: NH @ 1' (H211618-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	1.98	99.1	2.00	5.28		
Toluene*	<0.050	0.050	06/23/2021	ND	2.03	101	2.00	7.44		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.94	97.1	2.00	7.58		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.85	97.5	6.00	7.72		
Total BTEx	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 69.9-140

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	06/23/2021	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	06/23/2021	ND	203	101	200	1.61	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	209	104	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/22/2021	Sampling Date:	06/22/2021
Reported:	06/25/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Jodi Henson
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: EH @ SURFACE (H211618-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.04	102	2.00	6.23		
Toluene*	<0.050	0.050	06/23/2021	ND	1.97	98.6	2.00	6.09		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.90	95.1	2.00	6.08		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.78	96.3	6.00	5.76		
Total BTEx	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 69.9-140

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	06/23/2021	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	06/23/2021	ND	203	101	200	1.61	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	209	104	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 103 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/22/2021	Sampling Date:	06/22/2021
Reported:	06/25/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Jodi Henson
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: EH @ 1' (H211618-04)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.04	102	2.00	6.23		
Toluene*	<0.050	0.050	06/23/2021	ND	1.97	98.6	2.00	6.09		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.90	95.1	2.00	6.08		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.78	96.3	6.00	5.76		
Total BTEx	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

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	06/23/2021	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	06/23/2021	ND	203	101	200	1.61	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	209	104	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 105 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/22/2021	Sampling Date:	06/22/2021
Reported:	06/25/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Jodi Henson
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: SH @ SURFACE (H211618-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.04	102	2.00	6.23		
Toluene*	<0.050	0.050	06/23/2021	ND	1.97	98.6	2.00	6.09		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.90	95.1	2.00	6.08		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.78	96.3	6.00	5.76		
Total BTEx	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

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	06/23/2021	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	06/23/2021	ND	203	101	200	1.61	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	209	104	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/22/2021	Sampling Date:	06/22/2021
Reported:	06/25/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Jodi Henson
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: SH @ 1' (H211618-06)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.04	102	2.00	6.23		
Toluene*	<0.050	0.050	06/23/2021	ND	1.97	98.6	2.00	6.09		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.90	95.1	2.00	6.08		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.78	96.3	6.00	5.76		
Total BTEx	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

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	06/23/2021	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	06/23/2021	ND	203	101	200	1.61	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	209	104	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 112 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/22/2021	Sampling Date:	06/22/2021
Reported:	06/25/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Jodi Henson
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: WH @ SURFACE (H211618-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2021	ND	2.04	102	2.00	6.23	
Toluene*	<0.050	0.050	06/23/2021	ND	1.97	98.6	2.00	6.09	
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.90	95.1	2.00	6.08	
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.78	96.3	6.00	5.76	
Total BTX	<0.300	0.300	06/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	06/23/2021	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	06/23/2021	ND	203	101	200	1.61	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	209	104	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 108 % 44.3-133

Surrogate: 1-Chlorooctadecane 111 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/22/2021	Sampling Date:	06/22/2021
Reported:	06/25/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Jodi Henson
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: WH @ 1' (H211618-08)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.04	102	2.00	6.23		
Toluene*	<0.050	0.050	06/23/2021	ND	1.97	98.6	2.00	6.09		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.90	95.1	2.00	6.08		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.78	96.3	6.00	5.76		
Total BTX	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

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	06/23/2021	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	06/23/2021	ND	203	101	200	1.61	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	209	104	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 111 % 44.3-133

Surrogate: 1-Chlorooctadecane 114 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/22/2021	Sampling Date:	06/22/2021
Reported:	06/25/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Jodi Henson
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: V1 @ SURFACE (H211618-09)

BTEx 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2021	ND	2.04	102	2.00	6.23	
Toluene*	0.425	0.050	06/23/2021	ND	1.97	98.6	2.00	6.09	
Ethylbenzene*	0.559	0.050	06/23/2021	ND	1.90	95.1	2.00	6.08	
Total Xylenes*	6.68	0.150	06/23/2021	ND	5.78	96.3	6.00	5.76	
Total BTEX	7.66	0.300	06/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 239 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	06/23/2021	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*	232	10.0	06/23/2021	ND	203	101	200	1.61	
DRO >C10-C28*	602	10.0	06/23/2021	ND	209	104	200	0.383	
EXT DRO >C28-C36	37.7	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 129 % 44.3-133

Surrogate: 1-Chlorooctadecane 107 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/22/2021	Sampling Date:	06/22/2021
Reported:	06/25/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Jodi Henson
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: V1 @ 2' (H211618-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/23/2021	ND	2.04	102	2.00	6.23		
Toluene*	<0.050	0.050	06/23/2021	ND	1.97	98.6	2.00	6.09		
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.90	95.1	2.00	6.08		
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.78	96.3	6.00	5.76		
Total BTEx	<0.300	0.300	06/23/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

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	06/23/2021	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	06/23/2021	ND	203	101	200	1.61	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	209	104	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 114 % 44.3-133

Surrogate: 1-Chlorooctadecane 118 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received:	06/22/2021	Sampling Date:	06/22/2021
Reported:	06/25/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Jodi Henson
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: V1 @ 4' (H211618-11)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/23/2021	ND	2.04	102	2.00	6.23	
Toluene*	<0.050	0.050	06/23/2021	ND	1.97	98.6	2.00	6.09	
Ethylbenzene*	<0.050	0.050	06/23/2021	ND	1.90	95.1	2.00	6.08	
Total Xylenes*	<0.150	0.150	06/23/2021	ND	5.78	96.3	6.00	5.76	
Total BTX	<0.300	0.300	06/23/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 69.9-140

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	06/23/2021	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	06/23/2021	ND	203	101	200	1.61	
DRO >C10-C28*	<10.0	10.0	06/23/2021	ND	209	104	200	0.383	
EXT DRO >C28-C36	<10.0	10.0	06/23/2021	ND					

Surrogate: 1-Chlorooctane 110 % 44.3-133

Surrogate: 1-Chlorooctadecane 112 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

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

Celey D. Keene, Lab Director/Quality Manager



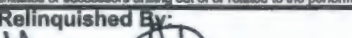
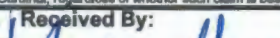
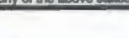
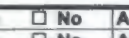
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name:						BILL TO								ANALYSIS REQUEST												
Project Manager:						P.O. #:																				
Address:						Company:																				
City:						Attn:																				
Phone #:						Address:																				
Project #:						City:																				
Project Name:						State:						Zip:														
Project Location:						Phone #:																				
Sampler Name:						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	Chlorides	BTEX	TPH							
H211618	1	NH @ surface	G	1	X						X			6/22/21		X	X	X								
	2	NH P1'	R	-	X						X			6/22/21		X	X	X								
	3	EH @ surface	O	-	X						X			6/22/21		X	X	X								
	4	EH @ 1'	A	-	X						X			6/22/21		X	X	X								
	5	SH @ surface	S	-	X						X			6/22/21		X	X	X								
	6	SH @ 1'	B	-	X						X			6/22/21		X	X	X								
	7	WH @ surface	T	-	X						X			6/22/21		X	X	X								
	8	WH @ 1'	G	-	X						X			6/22/21		X	X	X								
	9	V1 @ surface	T	-	X						X			6/22/21		X	X	X								
	10	V1 @ 2'	C	-	X						X			6/22/21		X	X	X								

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Relinquished By: 		Date: 6/22/21 Time: 14:15		Received By: 		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:	
Relinquished By:		Date:		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: 4.6 [#] c / #113		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: 		REMARKS: Email:  @etehenr.com PM@etehenr.com	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

2 of 2

Company Name: <u>Etech Environmental + safety</u>				BILL TO												ANALYSIS REQUEST																							
Project Manager: <u>Joel Lowry</u>				P.O. #:																																			
Address: <u>3500 Plains Hwy</u>				Company: <u>ETC</u>																																			
City: <u>Lovington</u> State: <u>NM</u> Zip: <u>88260</u>				Attn:																																			
Phone #: <u>575-396-2378</u> Fax #: <u>-</u>				Address:																																			
Project #: <u>14341</u> Project Owner: <u>ETC</u>				City:																																			
Project Name: <u>Carl C Release</u>				State: Zip:																																			
Project Location: <u>Rural Lea County, NM</u>				Phone #:																																			
Sampler Name: <u>Miguel Rumlce</u>				Fax #:																																			
FOR LAB USE ONLY				MATRIX												PRESERV.												SAMPLING											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME		Chlorides		BTEX		TPH					
<u>H211618</u>		<u>11 V1 @ 4'</u>		<u>G1</u>		<u>1</u>						<u>X</u>										<u>X</u>		<u>X</u>		<u>X</u>													

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Relinquished By: <u>[Signature]</u>		Date: <u>6/22/21</u>		Received By: <u>Jodi Hanson</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Time: <u>16:15</u>		Time: <u>16:15</u>		Time: <u>16:15</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Relinquished By:		Date:		Received By:		REMARKS:			
Time:		Time:		Time:		Email: <u>PM @ etechenv.com</u>			
Delivered By: (Circle One)				Sample Condition		CHECKED BY:			
Sampler - UPS - Bus - Other: <u>4.601 #113</u>				Cool Intact		Initials: <u>[Signature]</u>			
				<input type="checkbox"/> Yes <input type="checkbox"/> No					
				<input type="checkbox"/> No <input type="checkbox"/> No					



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

October 20, 2021

JOEL LOWRY

Etech Environmental & Safety Solutions

2617 W MARLAND

HOBBS, NM 88240

RE: CAL - C RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/19/21 14:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. 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 "Mike Snyder". The signature is fluid and cursive, with the first name "Mike" and last name "Snyder" clearly distinguishable.

Mike Snyder For Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: NW (H212936-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTEX	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	752	16.0	10/20/2021	ND	416	104	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	10/19/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	24.7	10.0	10/19/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	16.0	10.0	10/19/2021	ND					

Surrogate: 1-Chlorooctane 71.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.0 % 38.9-142

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*=Accredited Analyte

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: EW (H212936-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTEx	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/20/2021	ND	416	104	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	10/19/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	<10.0	10.0	10/19/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	10/19/2021	ND					

Surrogate: 1-Chlorooctane 81.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.2 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: SW (H212936-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTEx	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1940	16.0	10/20/2021	ND	416	104	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	10/19/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	49.8	10.0	10/19/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	28.9	10.0	10/19/2021	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.9 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: WW (H212936-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTEx	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	832	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	11.9	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 72.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.0 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 1 @ 2" (H212936-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0		
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7		
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7		
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7		
Total BTEx	<0.300	0.300	10/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 81.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.0 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 2 @ 2" (H212936-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTEx	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	496	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	128	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 78.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 89.4 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 3 @ 2" (H212936-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTX	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	13.4	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	11.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 71.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.4 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 4 @ 2" (H212936-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTEX	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	18.7	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 80.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.0 % 38.9-142

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Mike Snyder For Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 5 @ 2" (H212936-09)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTX	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	97.3	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	37.4	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 61.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 61.9 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 6 @ 2" (H212936-10)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0		
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7		
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7		
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7		
Total BTEx	<0.300	0.300	10/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 75.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.6 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 7 @ 2" (H212936-11)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTX	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	39.0	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 72.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.6 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 8 @ 2" (H212936-12)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTX	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	85.1	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	11.1	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 72.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.2 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 9 @ 2" (H212936-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0		
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7		
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7		
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7		
Total BTEx	<0.300	0.300	10/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 78.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.2 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 10 @ 2" (H212936-14)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0		
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7		
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7		
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7		
Total BTEx	<0.300	0.300	10/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	304	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 74.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.1 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 11 @ 2" (H212936-15)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTX	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.1 % 38.9-142

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Analytical Results For:

Etech Environmental & Safety Solutions
 JOEL LOWRY
 2617 W MARLAND
 HOBBS NM, 88240
 Fax To:

Received:	10/19/2021	Sampling Date:	10/18/2021
Reported:	10/20/2021	Sampling Type:	Soil
Project Name:	CAL - C RELEASE	Sampling Condition:	Cool & Intact
Project Number:	14341	Sample Received By:	Tamara Oldaker
Project Location:	ETC - RURAL LEA COUNTY, NM		

Sample ID: FL 12 @ 2" (H212936-16)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/19/2021	ND	2.18	109	2.00	10.0	
Toluene*	<0.050	0.050	10/19/2021	ND	2.16	108	2.00	10.7	
Ethylbenzene*	<0.050	0.050	10/19/2021	ND	2.12	106	2.00	10.7	
Total Xylenes*	<0.150	0.150	10/19/2021	ND	6.46	108	6.00	10.7	
Total BTX	<0.300	0.300	10/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1180	16.0	10/20/2021	ND	416	104	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	10/20/2021	ND	195	97.6	200	7.12	
DRO >C10-C28*	<10.0	10.0	10/20/2021	ND	194	96.9	200	6.09	
EXT DRO >C28-C36	<10.0	10.0	10/20/2021	ND					

Surrogate: 1-Chlorooctane 69.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 66.8 % 38.9-142

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Mike Snyder For 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

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A handwritten signature in black ink, appearing to read "Mike Snyder", is written over a horizontal line.

Mike Snyder For Celey D. Keene, Lab Director/Quality Manager

**ARDINAL 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: Joel Lowry				P.O. #:				Chloride TPH (8015M) BTEX (8021B)																																							
Address: 2617 West Marland				Company: ETC																																											
City: Hobbs State: NM Zip: 88240				Attn: Dean Ericsson																																											
Phone #: (575) 264-9884 Fax #:				Address:																																											
Project #: 14341 Project Owner: ETC				City:																																											
Project Name: Cal C Release				State: Zip:																																											
Project Location: Rural Lea County, NM				Phone #:																																											
Sampler Name: Raul Kenneth and Abe Buhler				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																			
H212936				C		1		X												X						10/18/21				X		X		X													
1		NW		C		1		X												X						10/18/21				X		X		X													
2		EW		C		1		X												X						10/18/21				X		X		X													
3		SW		C		1		X												X						10/18/21				X		X		X													
4		WW		C		1		X												X						10/18/21				X		X		X													
5		FL1 @ 2"		C		1		X												X						10/18/21				X		X		X													
6		FL2 @ 2"		C		1		X												X						10/18/21				X		X		X													
7		FL3 @ 2"		C		1		X												X						10/18/21				X		X		X													
8		FL4 @ 2"		C		1		X												X						10/18/21				X		X		X													
9		FL5 @ 2"		C		1		X												X						10/18/21				X		X		X													
10		FL6 @ 2"		C		1		X												X						10/18/21				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 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 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:				Date: 10-19-21				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																															
[Signature]				Time: 1440				[Signature]				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																															
Relinquished By:				Date:				Received By:				REMARKS:																																			
[Signature]				Time:				[Signature]																																							
Delivered By: (Circle One)				-4.3c / c-0.5c				Sample Condition				CHECKED BY:				RUSH SAMPLES Please email copy of COC and results to pm@etechenv.com.																															
Sampler - UPS - Bus - Other:				4.8c #13				Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No				(Initials) Y.O.																																			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

FORM-006
Revision 1.0

TO: 10/19/20[†]


Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

Appendix D

Photographic Log

Photographic Log

Photo Number: 1		June 12, 2021 32.064632, -103.210769
Photo Direction: South		
Photo Description: View of the affected area.		

Photo Number: 2		June 12, 2021 32.064561, -103.210776
Photo Direction: East		
Photo Description: View of the affected area.		

Photographic Log



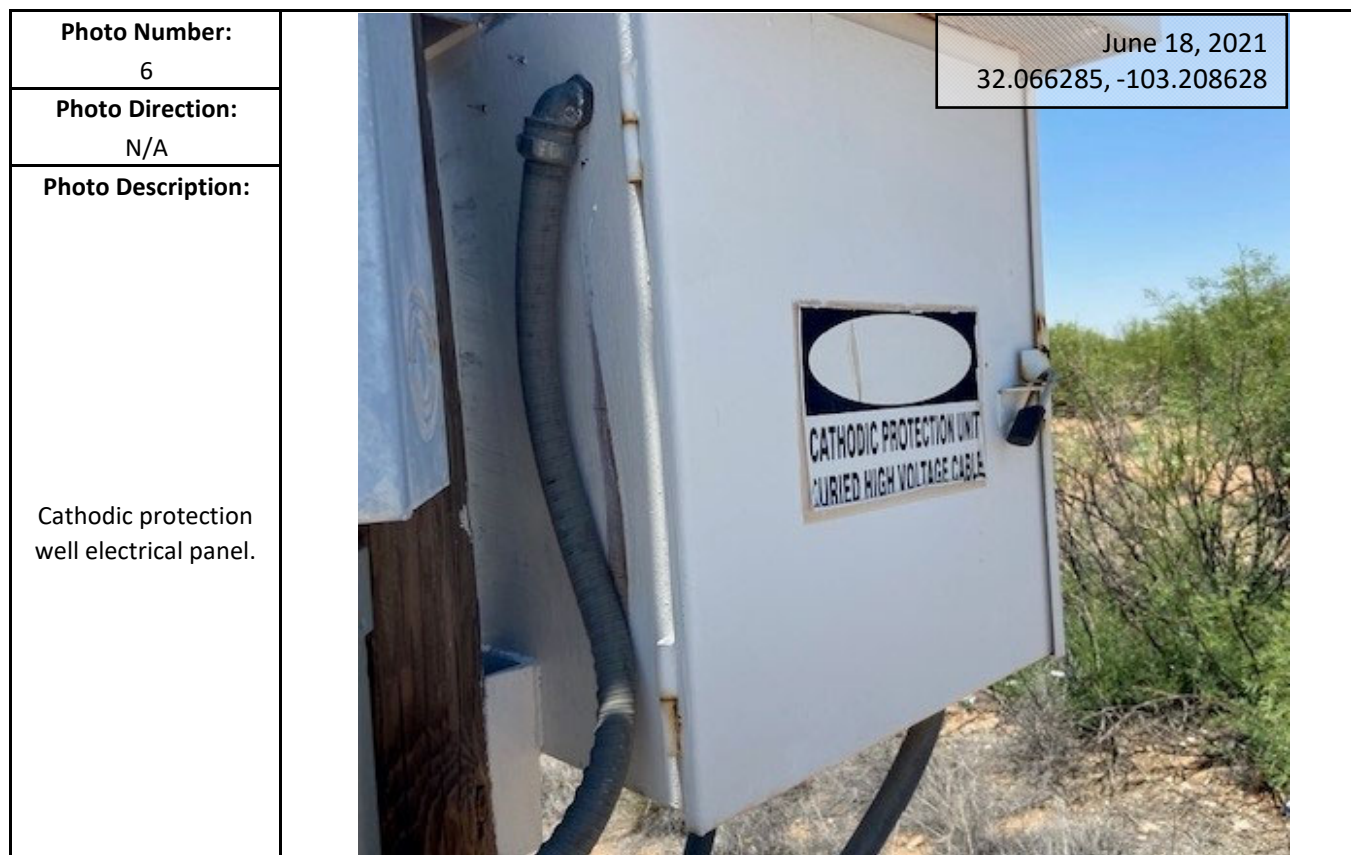
Photo Number: 3	 <p>June 12, 2021 32.064561, -103.210776</p>
Photo Direction: East	
Photo Description: View of the affected area.	

Photo Number: 4	 <p>June 12, 2021 32.064561, -103.210776</p>
Photo Direction: West	
Photo Description: View of the affected area.	

Photographic Log



Photographic Log



Photo Number: 7	 A photograph showing a dirt area with a small excavation. In the background, there are white pipes and a cloudy sky. The photo is taken from an elevated position looking down at the excavation.
Photo Direction: East	
Photo Description: View of the excavated area.	

Photo Number: 8	 A photograph showing a dirt area with a small excavation. In the background, there are white pipes and a cloudy sky. The photo is taken from an elevated position looking down at the excavation.
Photo Direction: Southwest	
Photo Description: View of the excavated area.	

Photographic Log


Photo Number: 9	<div>Oct 18, 2021 at 4:29:18 PM Jal NM 88252 United States</div> 
Photo Direction: East	
Photo Description: View of the excavated area.	

Photo Number: 10	<div>Oct 22, 2021 at 12:07:58 PM Jal NM 88252 United States</div> 
Photo Direction: Southeast	
Photo Description: View of the remediated area following backfilling and regrading.	

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 60398

CONDITIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 60398
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	12/8/2021