

Incident ID	nAPP2111733548
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	<u>105</u> (ft bgs)
Did this release impact groundwater or surface water?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within 300 feet of a wetland?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying a subsurface mine?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release overlying an unstable area such as karst geology?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production, or storage site?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

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

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

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

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

State of New Mexico
Oil Conservation Division

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

Printed Name: Carolyn BlackallerTitle: Sr. Environmental SpecialistSignature: Date: 6/11/21email: Carolyn.Blackaller@energytransfer.comTelephone: (432)203-8290**OCD Only**

Received by: _____

Date: _____

State of New Mexico
Oil Conservation Division

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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: 6/11/21
 email: Carolyn.Blackaller@energytransfer.com Telephone: (432)203-8290

OCD Only

Received by: _____ Date: _____

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

Closure Approved by:  Date: 06/08/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

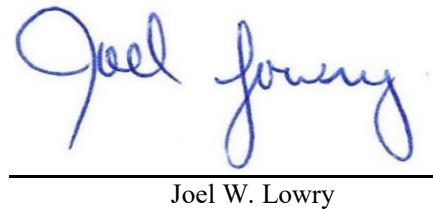
Remediation Summary & Soil Closure Request

ETC Texas Pipeline, Ltd. Trunk M Pipeline Release

Lea County, New Mexico
Unit Letter "H", Section 1, Township 23 South, Range 36 East
Latitude 32.336808 North, Longitude 103.211151 West
NMOCD Reference No. nAPP2111733548

Prepared By:

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


Joel Lowry
Joel W. Lowry

Midland • San Antonio • Lubbock • Lovington • Lafayette

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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 Trunk M Pipeline Release (henceforth, "Site"). Details of the release are summarized below:

Location of Release Source

Latitude: 32.336808 Longitude: -103.211151

Provided GPS are in WGS84 format.

Site Name: <u>Trunk M Pipeline Release</u>	Site Type: <u>Tank Battery</u>
Date Release Discovered: <u>4/13/2021</u>	API # (if applicable): <u>N/A</u>

Unit Letter	Section	Township	Range	County
"H"	1	23S	36E	Lea

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name Strain-King Ranch, LLC)

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 type="checkbox"/> N/A
<input type="checkbox"/> Condensate	Volume Released (bbls)	Volume Recovered (bbls)
<input checked="" type="checkbox"/> Natural Gas	Volume Released (Mcf) <u>65.8</u>	Volume Recovered (Mcf) <u>0</u>
<input checked="" type="checkbox"/> Other (describe) Pipeline liquids	Volume/Weight Released (bbls) <u>30.6</u>	Volume/Weight Recovered (bbls) <u>5</u>
Cause of Release: The release was attributed to corrosion of the line segment.		

Initial Response

<input checked="" type="checkbox"/> The source of the release has been stopped.
<input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.
<input checked="" type="checkbox"/> Release materials have been contained via the use of berms or dikes, absorbent pad, or other containment devices
<input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.

Previously submitted portions of the NMOCD Form C-141 are available 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?	105'	
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
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Are the lateral extents of the release within a 100-year floodplain?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No
Did the release impact areas not on an exploration, development, production or storage site?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

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

3.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

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

Probable Depth to Groundwater	Constituent	Laboratory Analytical Method	Closure Criteria*†	Reclamation Standard*‡
105'	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 REMEDIATION ACTIVITIES SUMMARY

On May 6, 2021, remediation activities commenced at the Site. In accordance with NMOCD regulatory guidelines, impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard was excavated and stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal. Olfactory/visual senses and a Hach Quantab® chloride test kit were utilized to field-screen the horizontal and vertical 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/or NMOCD Reclamation Standard. Based on laboratory analytical results and field screens, the excavation was subdivided into three (3) sections: the Main Excavation, a subsection adjacent to a DCP pipeline north of the Site (DCP Pipeline Subsection), and a subsection at/near the point of release (Release Point Subsection).

On May 7, 2021, Etech collected 29 confirmation soil samples (EW 1, EW 2, EW 3, SW 1, SW 2, and FL 1 @ 2' through FL 24 @ 2') from the sidewalls and floor of the Main Excavation. 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 Standard in each of the submitted soil samples.

On May 11, 2021, Etech collected 29 confirmation soil samples (FL 25 @ 2' through FL 53 @ 1') from the floor of the Main Excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 12, 2021, Etech collected two (2) confirmation soil samples (BH 1 @ 12' and BH 2 @ 12') from the floor of the Release Point Subsection. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in soil sample BH 1 @ 12'. Additional excavation was required in the area characterized by soil sample BH 2 @ 12'.

On May 17, 2021, Etech collected 39 confirmation soil samples (NW-1 through NW-7, EW-4, SW-3, WW-1, RSW-1, RSW-2, RSW-3, and FL-54 through FL-60, and FL-62 through FL-80) from the sidewalls and floor of the Main Excavation. Etech also collected 16 confirmation soil samples (DCP FL-1 through DCP FL-16) from the floor of the DCP Pipeline Subsection and seven (7) confirmation soil samples (FL-61 EAST, FL-61 WEST, RP NW, RP ESW-1, RP WSW-1, RP NE FL, and RP NW FL) from the sidewalls and floor of the Release Point Subsection, for a total of 62 soil samples. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in soil samples NW-1 through NW-7, EW-4, SW-3, WW-1, RSW-1, RSW-2, RSW-3, FL-54, FL-55, FL-56, FL-60, FL-61 EAST, FL-61 WEST, FL-62, FL-64 through FL-68, FL-70, FL-72, FL-73, FL-75, FL-76, FL-77, FL-79, DCP FL-1, DCP FL-2, DCP FL-4 through DCP FL-7, DCP FL-9, DCP FL-16, RP NW, RP ESW-1, RP WSW-1, RP NE FL, and RP NW FL. Additional excavation was required in the areas characterized by soil samples FL-57, FL-58, FL-59, FL-63, FL-69, FL-71, FL-74, FL-78, FL-80, DCP FL-3, DCP FL-8, DCP FL-10, DCP FL-11, DCP FL-12, DCP FL-13, DCP FL-14, and DCP FL-15.

On May 18, 2021, Etech collected three (3) confirmation soil samples (RP-ESW #2, RP-SE-FL @ 10', and RP-SW-FL @ 11') from the sidewalls and floor of the Release Point Subsection. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 19, 2021, Etech collected six (6) confirmation soil samples (SW 4, FL-81 @ 1' through FL-85 @ 1') from the south sidewall and floor of the Main Excavation and two (2) confirmation soil samples (RP-WSW #2 and RP-SSW) from the sidewalls of the Release Point Subsection. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

On May 25, 2021, Etech collected nine (9) confirmation soil samples (FL 57 @ 2', FL 58 @ 2', FL 59 @ 2', FL 63 @ 2', FL 69 @ 2', FL 71 @ 2', FL 74 @ 2', FL 78 @ 2', and FL 80 @ 2') from the floor of the Main Excavation and eight (8) confirmation soil samples (DCP FL-3 @ 2', DCP FL-8 @ 2', DCP FL-10 @ 2', DCP FL-11 @ 2', DCP FL-12 @ 2', DCP FL-13 @ 2', DCP FL-14 @ 3', and DCP FL-15 @ 3 1/2') from the floor of the DCP Pipeline Subsection. The soil samples were submitted to the laboratory for analysis of TPH. Laboratory analytical results indicated TPH concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples.

The final dimensions of the Main Excavation and DCP Pipeline Subsection were approximately 192 to 258 feet in length, 20 to 157 feet in width, and six (6) inches to 3.5 feet in depth. The final dimensions of the Release Point Subsection were approximately 15 feet in length, 10 feet in width, and 10 to 13 feet in depth. During the course of remediation activities, approximately 2,534 cubic yards of impacted soil was transported to an NMOCD-permitted surface waste facility for disposal.

Soil sample locations and the extents of the excavated areas are depicted in Figure 3, "Site & Sample Location Map". Soil chemistry data is summarized in Table 1. Field data and soil profile logs are provided in Appendix B. General photographs of the Site are provided in Appendix C. Laboratory analytical reports are provided in Appendix D.

5.0 RESTORATION, RECLAMATION & RE-VEGETATION PLAN

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

6.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with applicable NMOCD regulatory guidelines. Impacted soil affected above the NMOCD Closure Criteria and/or NMOCD Reclamation Standard 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 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.

7.0 LIMITATIONS

Etech Environmental & Safety Solutions, Inc., has prepared this *Remediation Summary & Soil Closure Request* to the best of its ability. No other warranty, expressed or implied, is made or intended. Etech has examined and relied upon documents 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.

8.0 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

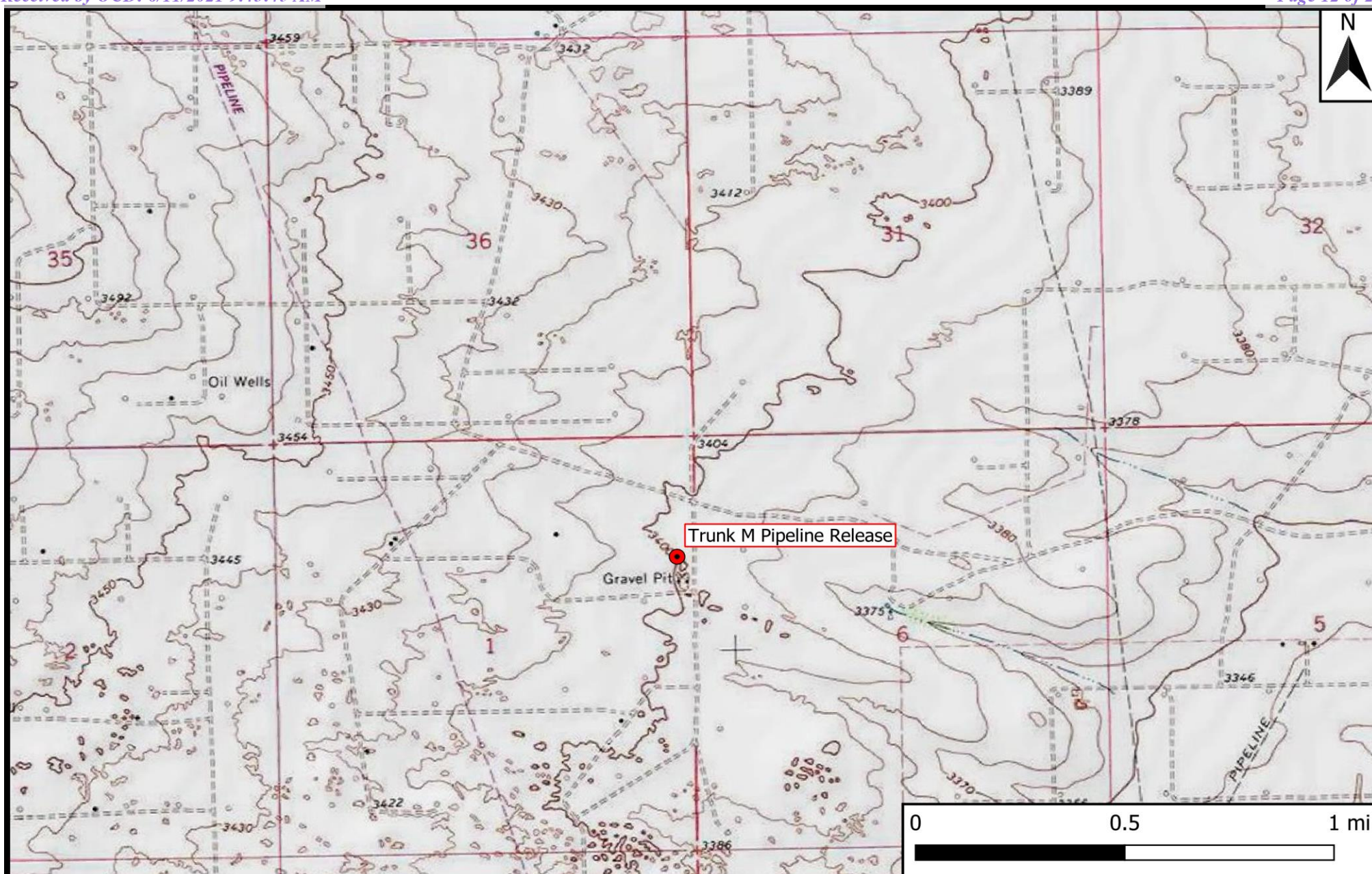
1220 South St. Francis Drive

Santa Fe, NM 87505

(Electronic Submission)

Figure 1

Topographic Map



Legend

- Site Location

Figure 1

Topographic Map
 ETC Texas Pipeline, Ltd.
 Trunk M Pipeline Release
 GPS: 32.336808, -103.211151
 Lea County

ETECH

Environmental & Safety Solutions, Inc.



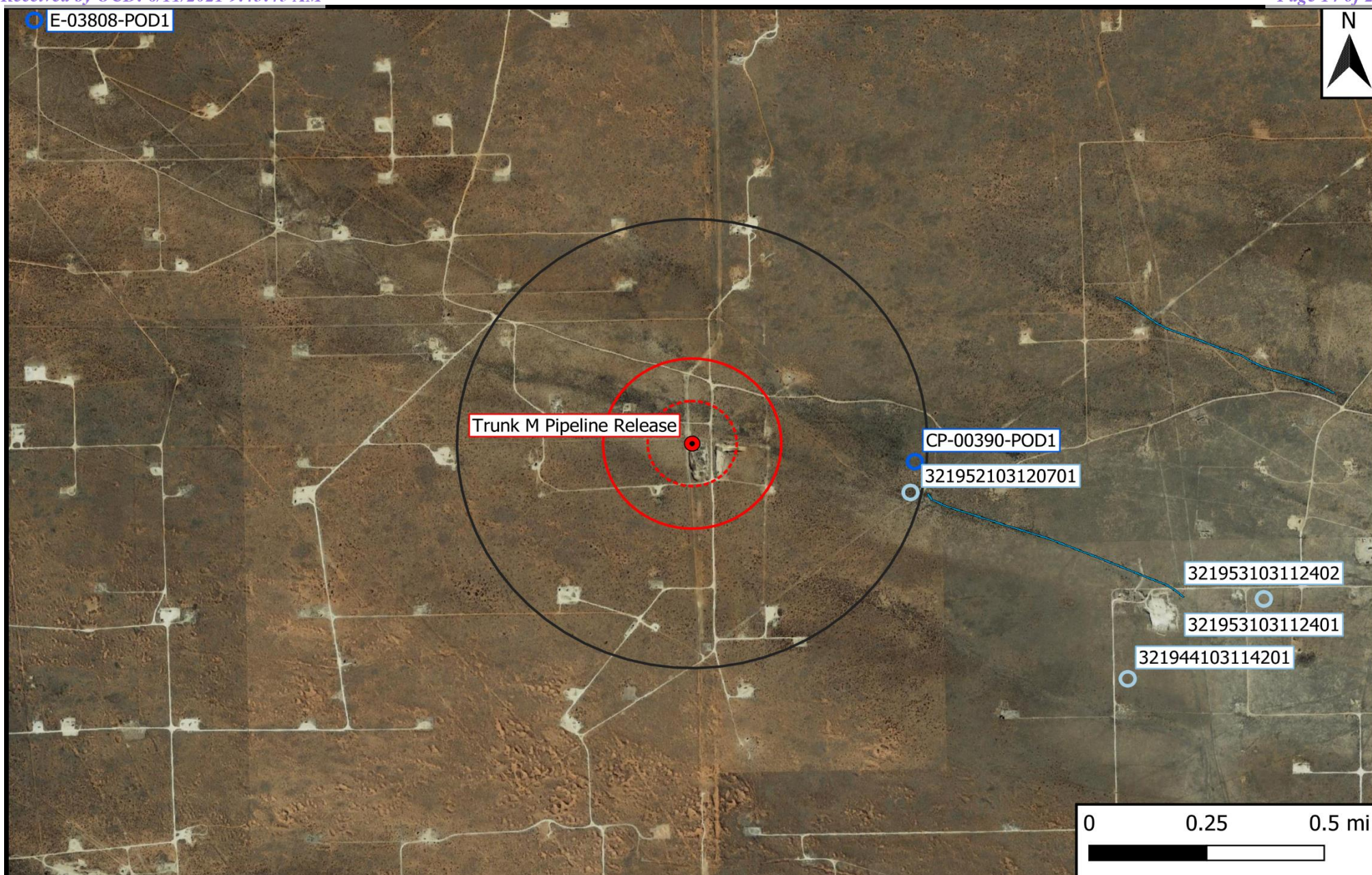
Drafted: bja

Checked: jwl

Date: 5/14/21

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 - Investigative/Monitor | Medium/High Karst | |
| — Potash Mine Workings | Riverine | |

Figure 2
 Aerial Proximity Map
 ETC Texas Pipeline, Ltd.
 Trunk M Pipeline Release
 GPS: 32.336808, -103.211151
 Lea County



Drafted: bja

Checked: jwl

Date: 6/8/21

Figure 3

Site & Sample Location Map

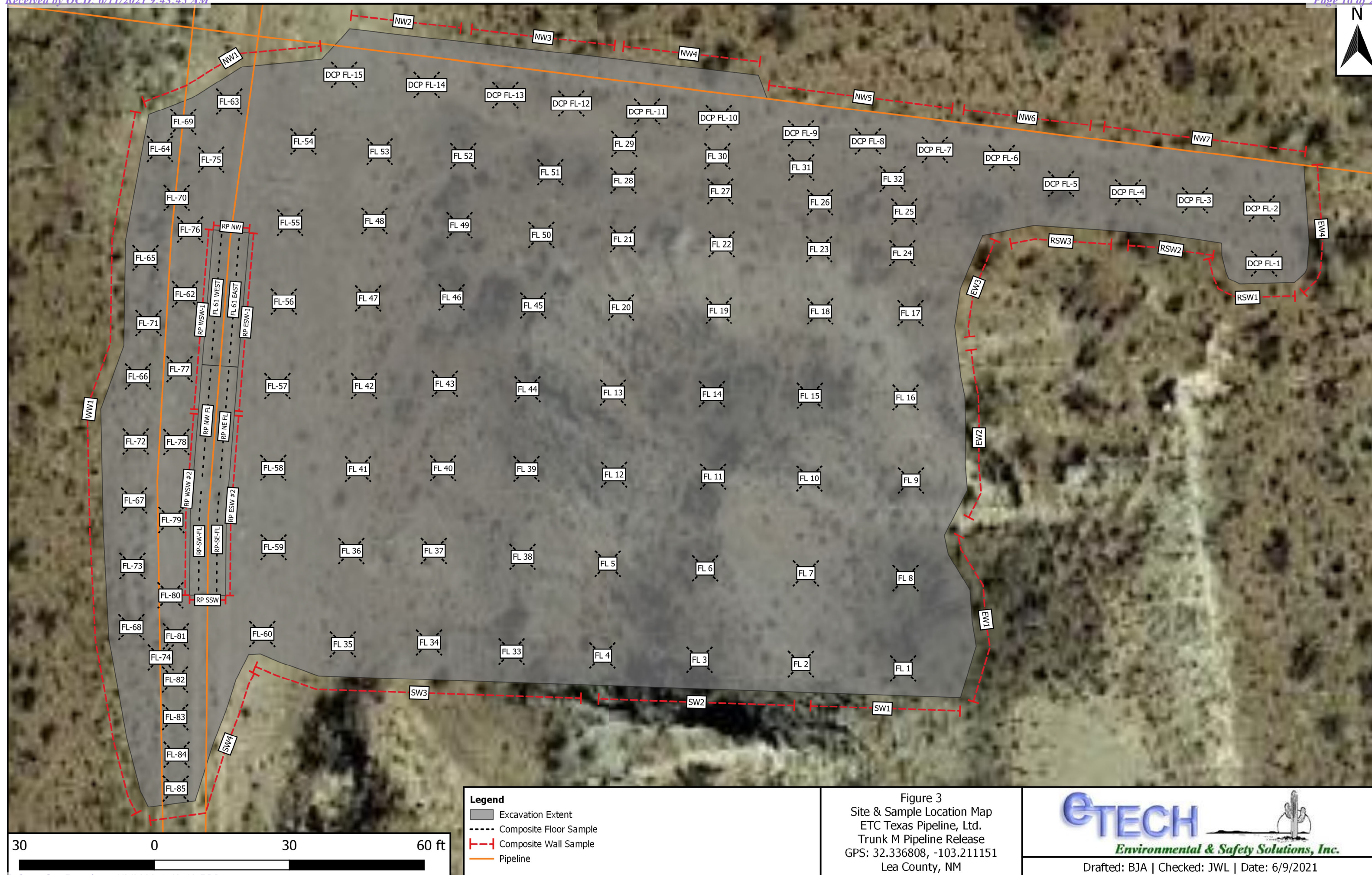


Table 1
Concentrations of BTEX, TPH & Chloride in Soil

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
ETC Texas Pipeline, Ltd.
Trunk M Pipeline Release
NMOCD Ref. #: nAPP2111733548

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)
Main Excavation											
NW-1	5/17/2021	0 - 1	In-Situ	<0.050	<0.300	<10.0	22.7	22.7	<10.0	22.7	16.0
NW-2	5/17/2021	0 - 3.5	In-Situ	<0.050	<0.300	<10.0	20.2	20.2	<10.0	20.2	32.0
NW-3	5/17/2021	0 - 3.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
NW-4	5/17/2021	0 - 3.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW-5	5/17/2021	0 - 2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW-6	5/17/2021	0 - 0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
NW-7	5/17/2021	0 - 2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
EW 1	5/7/2021	0 - 2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
EW 2	5/7/2021	0 - 2	In-Situ	<0.050	<0.300	<10.0	62.5	62.5	24.3	86.8	16.0
EW 3	5/7/2021	0 - 2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
EW-4	5/17/2021	0 - 0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW 1	5/7/2021	0 - 2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
SW 2	5/7/2021	0 - 2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
SW 4	5/19/2021	0 - 1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SW-3	5/17/2021	0 - 1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
WW-1	5/17/2021	0 - 1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
RSW-1	5/17/2021	0 - 0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
RSW-2	5/17/2021	0 - 0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
RSW-3	5/17/2021	0 - 0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 1 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 2 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 3 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 4 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 5 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 6 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 7 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 8 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 9 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 10 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	11.1	11.1	<10.0	11.1	16.0
FL 11 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 12 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
FL 13 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 14 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	11.2	11.2	<10.0	11.2	32.0
FL 15 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	28.2	28.2	<10.0	28.2	16.0
FL 16 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	31.0	31.0	<10.0	31.0	16.0
FL 17 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 18 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 19 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 20 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 21 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0

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

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
ETC Texas Pipeline, Ltd.
Trunk M Pipeline Release
NMOCD Ref. #: nAPP2111733548

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)
FL 22 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	27.3	27.3	<10.0	27.3	16.0
FL 23 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 24 @ 2'	5/7/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 25 @ 2'	5/11/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 26 @ 2'	5/11/2021	2	In-Situ	<0.050	<0.300	<10.0	10.3	10.3	<10.0	10.3	32.0
FL 27 @ 2'	5/11/2021	2	In-Situ	<0.050	<0.300	<10.0	23.5	23.5	<10.0	23.5	32.0
FL 28 @ 2'	5/11/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 29 @ 2'	5/11/2021	2	In-Situ	<0.050	<0.300	<10.0	11.1	11.1	<10.0	11.1	48.0
FL 30 @ 2'	5/11/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 31 @ 2'	5/11/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 32 @ 2'	5/11/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
FL 33 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 34 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 35 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
FL 36 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 37 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 38 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 39 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 40 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 41 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	26.2	26.2	<10.0	26.2	48.0
FL 42 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 43 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 44 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 45 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	16.0
FL 46 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	11.2	11.2	<10.0	11.2	32.0
FL 47 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 48 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL 49 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 50 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	18.1	18.1	<10.0	18.1	48.0
FL 51 @ 2'	5/11/2021	2	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL 52 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	60.3	60.3	<10.0	60.3	48.0
FL 53 @ 1'	5/11/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	80.0
FL-54	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
FL-55	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	10.1	10.1	<10.0	10.1	32.0
FL-56	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	18.8	18.8	<10.0	18.8	<16.0
FL-57	5/17/2021	1	Excavated	<0.050	<0.300	<10.0	80.1	80.1	23.9	104	32.0
FL 57 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL-58	5/17/2021	1	Excavated	<0.050	<0.300	<10.0	105	105	30.2	135	<16.0
FL 58 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL-59	5/17/2021	1	Excavated	<0.050	<0.300	<10.0	95.8	95.8	31.8	128	<16.0
FL 59 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-

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

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Table 1
Concentrations of BTEX, TPH, and Chloride in Soil
ETC Texas Pipeline, Ltd.
Trunk M Pipeline Release
NMOCD Ref. #: nAPP2111733548

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)
FL-60	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL-62	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL-63	5/17/2021	1	Excavated	<0.050	<0.300	<10.0	250	250	108	358	48.0
FL 63 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL-64	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL-65	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	15.0	15.0	<10.0	15.0	<16.0
FL-66	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL-67	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	12.1	12.1	<10.0	12.1	<16.0
FL-68	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL-69	5/17/2021	1	Excavated	<0.050	<0.300	<10.0	110	110	46.8	157	112
FL 69 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL-70	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	64.3	64.3	23.8	88.1	48.0
FL-71	5/17/2021	1	Excavated	<0.050	<0.300	<10.0	137	137	69.3	206	16.0
FL 71 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL-72	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL-73	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	23.0	23.0	<10.0	23.0	<16.0
FL-74	5/17/2021	1	Excavated	<0.050	<0.300	<10.0	77.4	77.4	31.5	109	<16.0
FL 74 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL-75	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	13.8	13.8	<10.0	13.8	64.0
FL-76	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
FL-77	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL-78	5/17/2021	1	Excavated	<0.050	<0.300	<10.0	140	140	34.0	174	32.0
FL 78 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL-79	5/17/2021	1	In-Situ	<0.050	<0.300	<10.0	12.0	12.0	<10.0	12.0	16.0
FL-80	5/17/2021	1	Excavated	<0.050	<0.300	<10.0	144	144	41.9	186	<16.0
FL 80 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
FL-81 @ 1'	5/19/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL-82 @ 1'	5/19/2021	1	In-Situ	<0.050	<0.300	<10.0	25.0	25.0	<10.0	25.0	<16.0
FL-83 @ 1'	5/19/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL-84 @ 1'	5/19/2021	1	In-Situ	<0.050	<0.300	<10.0	64.9	64.9	27.6	92.5	<16.0
FL-85 @ 1'	5/19/2021	1	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
DCP Pipeline Subsection											
DCP FL-1	5/17/2021	0.5	In-Situ	<0.050	<0.300	<10.0	15.5	15.5	<10.0	15.5	336
DCP FL-2	5/17/2021	0.5	In-Situ	<0.050	<0.300	<10.0	14.1	14.1	<10.0	14.1	<16.0
DCP FL-3	5/17/2021	0.5	Excavated	<0.050	<0.300	<10.0	151	151	55.1	206	112
DCP FL-3 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
DCP FL-4	5/17/2021	0.5	In-Situ	<0.050	<0.300	<10.0	47.7	47.7	<10.0	47.7	400
DCP FL-5	5/17/2021	0.5	In-Situ	<0.050	<0.300	<10.0	38.0	38.0	12.8	50.8	64.0
DCP FL-6	5/17/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	48.0
DCP FL-7	5/17/2021	0.5	In-Situ	<0.050	<0.300	<10.0	27.0	27.0	<10.0	27.0	16.0
DCP FL-8	5/17/2021	0.5	Excavated	<0.050	<0.300	29.3	3,000	3,030	1,200	4,230	80.0

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

Bold: NMOCD Closure Criteria exceedance.

Red: NMOCD Reclamation Standard exceedance.

Table 1 Concentrations of BTEX, TPH, and Chloride in Soil ETC Texas Pipeline, Ltd. Trunk M Pipeline Release NMOCD Ref. #: nAPP2111733548											
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)
DCP FL-8 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
DCP FL-9	5/17/2021	0.5	In-Situ	<0.050	<0.300	<10.0	68.6	68.6	<10.0	68.6	32.0
DCP FL-10	5/17/2021	0.5	Excavated	<0.050	<0.300	<10.0	87.3	87.3	16.7	104	64.0
DCP FL-10 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
DCP FL-11	5/17/2021	0.5	Excavated	<0.050	<0.300	<10.0	85.7	85.7	21.3	107	176
DCP FL-11 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
DCP FL-12	5/17/2021	0.5	Excavated	<0.050	0.620	14.3	601	615	183	798	32.0
DCP FL-12 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
DCP FL-13	5/17/2021	0.5	Excavated	<0.050	<0.300	<10.0	113	113	54.6	168	48.0
DCP FL-13 @ 2'	5/25/2021	2	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
DCP FL-14	5/17/2021	0.5	Excavated	<0.050	<0.300	<10.0	322	322	111	433	48.0
DCP FL-14 @ 3'	5/25/2021	3	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
DCP FL-15	5/17/2021	0.5	Excavated	<0.050	<0.300	<10.0	81.2	81.2	33.2	114	64.0
DCP FL-15 @ 3 1/2'	5/25/2021	3.5	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	-
DCP FL-16	5/17/2021	0.5	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	32.0
Release Point Subsection											
BH 1 @ 12'	5/12/2021	12	In-Situ	<0.050	5.59	36.9	250	287	25.8	313	192
BH 2 @ 12'	5/12/2021	12	Excavated	<0.050	0.453	14.3	1,170	1,180	265	1,450	192
FL-61 EAST	5/17/2021	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
FL-61 WEST	5/17/2021	4	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
RP NW	5/17/2021	1 - 13	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
RP ESW-1	5/17/2021	1 - 13	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
RP-ESW #2	5/18/2021	1 - 13	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	112
RP WSW-1	5/17/2021	1 - 12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
RP-WSW #2	5/19/2021	1 - 12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	208
RP-SSW	5/19/2021	1 - 12	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
RP NE FL	5/17/2021	13	In-Situ	-	-	<10.0	44.3	44.3	<10.0	44.3	368
RP NW FL	5/17/2021	12	In-Situ	-	-	<10.0	<10.0	<20.0	<10.0	<30.0	208
RP-SE-FL @ 10'	5/18/2021	10	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	688
RP-SW-FL @ 11'	5/18/2021	11	In-Situ	<0.050	<0.300	<10.0	<10.0	<20.0	<10.0	<30.0	528

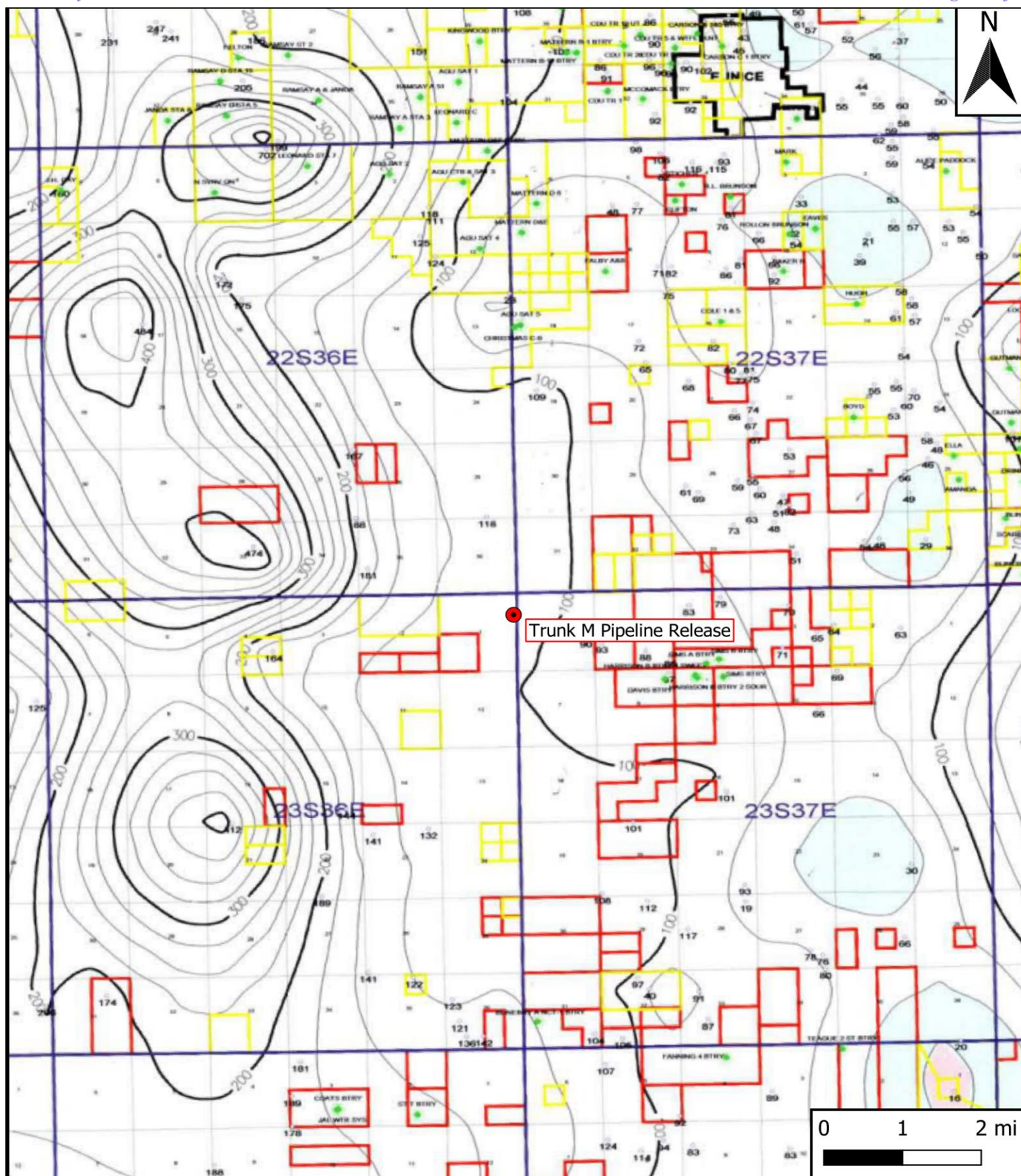
Dash (-): Sample not analyzed for that constituent.

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.
Trunk M Pipeline Release
GPS: 32.336808, -103.211151
Lea County

ETECH
Environmental & Safety Solutions, Inc.

Revised: bja

Checked: jwl

Date: 5/14/21



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	Tw	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP 00390 POD1		CP	LE	2	4	1	06	23S	37E	669120	3579111*	765	100		

Average Depth to Water: --

Minimum Depth: --

Maximum Depth: --

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 668357.56

Northing (Y): 3579175.39

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.


4/21/21 8:03 AM

WATER COLUMN/ AVERAGE DEPTH TO WATER



New Mexico Office of the State Engineer

Point of Diversion Summary

		(quarters are 1=NW 2=NE 3=SW 4=SE)							
		(quarters are smallest to largest)						(NAD83 UTM in meters)	
Well Tag	POD Number	Q64	Q16	Q4	Sec	Tws	Rng	X	Y
CP 00390	POD1	2	4	1	06	23S	37E	669120	3579111* 

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:** 10 GPM**Casing Size:** 8.00**Depth Well:** 100 feet**Depth Water:**

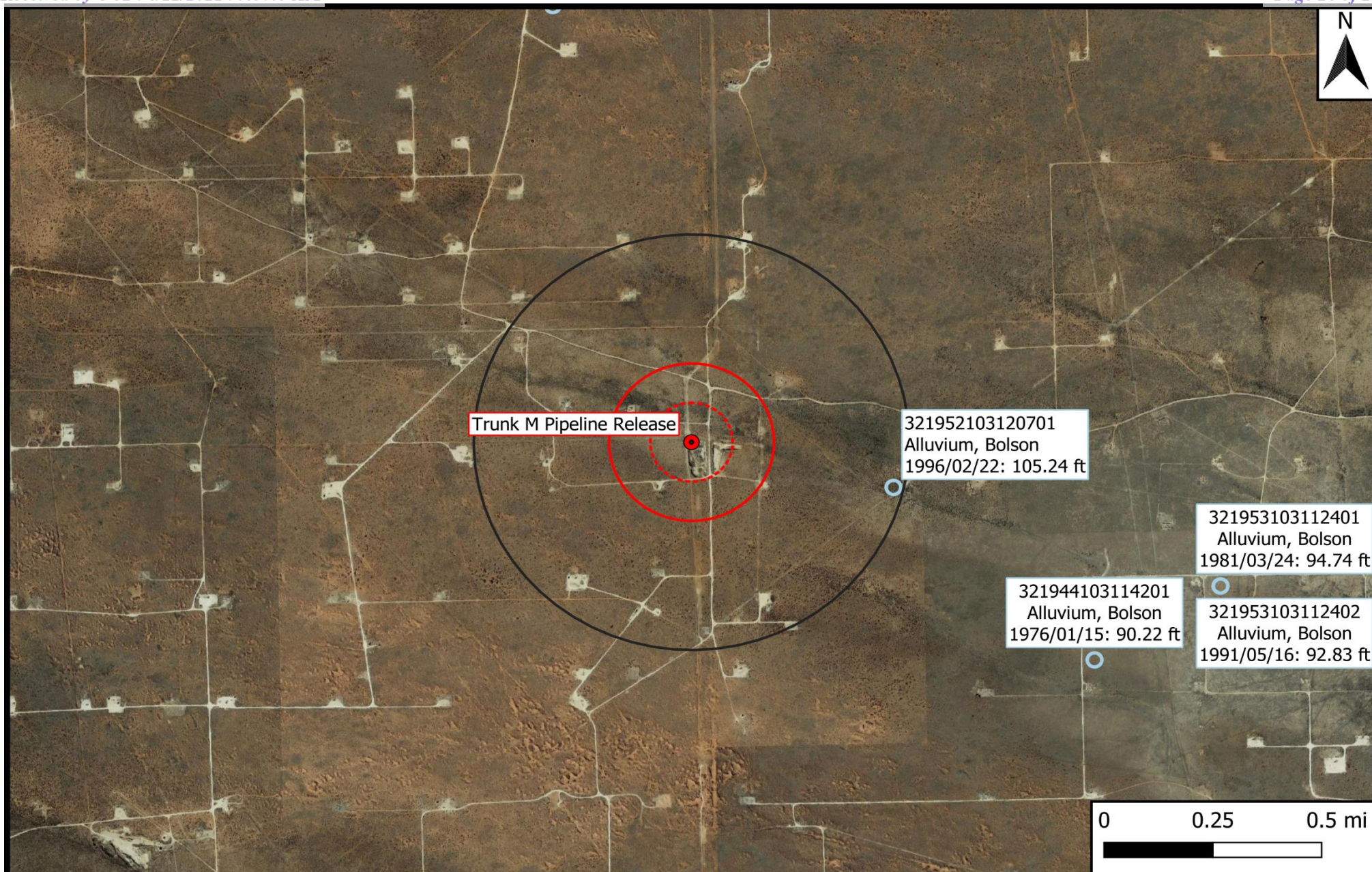
x

*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.

4/21/21 8:04 AM

POINT OF DIVERSION SUMMARY



Legend

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

Figure 5

USGS Well Proximity Map
ETC Texas Pipeline, Ltd.
Trunk M Pipeline Release
GPS: 32.336808, -103.211151
Lea County



Drafted: bja

Checked: jwl

Date: 5/14/21



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Data Category: Geographic Area:

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Search Results -- 1 sites found

Agency code = usgs

site_no list =

- 321944103114201

Minimum number of levels = 1

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USGS 321944103114201 23S.37E.06.42231

Lea County, New Mexico

Latitude 32°19'44", Longitude 103°11'42" NAD27

Land-surface elevation 3,370 feet above NAVD88

The depth of the well is 96 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
1968-03-05			D	72019	89.68		1	Z			A
1971-01-12			D	72019	89.55		1	Z			A
1976-01-15			D	72019	90.22		1	Z			A

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

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0.3 0.26 nadww02





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Agency code = usgs
site_no list =

- 321952103120701

Minimum number of levels = 1
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USGS 321952103120701 23S.37E.06.14423

Lea County, New Mexico
Latitude 32°20'06", Longitude 103°12'10" NAD27
Land-surface elevation 3,377.40 feet above NGVD29
The depth of the well is 112 feet below land surface.
This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.
This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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
1953-12-03			D	72019	102.91			1	Z		A
1965-10-21			D	72019	105.64			3	Z		A
1968-03-05			D	72019	102.58			1	Z		A
1971-01-12			D	72019	102.38			1	Z		A
1976-01-15			D	72019	102.02			1	Z		A

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
			72019								
1981-03-24			D	72019	102.42			1	Z		A
1986-03-19			D	72019	102.18			1	Z		A
1991-05-16			D	72019	103.95			1	Z		A
1996-02-22			D	72019	105.24			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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0.44 0.3 nadww01





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Agency code = usgs

site_no list =

- 321953103112401

Minimum number of levels = 1

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USGS 321953103112401 23S.37E.05.31320

Lea County, New Mexico

Latitude 32°19'53", Longitude 103°11'24" NAD27

Land-surface elevation 3,349 feet above NAVD88

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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="1981-03-24"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="D"/>	<input type="text" value="72019"/>	<input type="text" value="94.74"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text" value="Z"/>	<input type="text"/>	<input type="text"/>	<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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Agency code = usgs

site_no list =

- 321953103112402

Minimum number of levels = 1

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USGS 321953103112402 23S.37E.05.31320 A

Lea County, New Mexico

Latitude 32°19'53", Longitude 103°11'24" NAD27

Land-surface elevation 3,349 feet above NAVD88

The depth of the well is 97 feet below land surface.

This well is completed in the Pecos River Basin alluvial aquifer (N100PCSRVR) national aquifer.

This well is completed in the Alluvium, Bolson Deposits and Other Surface Deposits (110AVMB) 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="1986-03-20"/>	<input type="text" value="1991-05-16"/>	<input type="text" value="D"/>	<input type="text" value="72019"/>	<input type="text" value="92.94"/>	<input type="text" value="92.83"/>	<input type="text" value="1"/>	<input type="text" value="1"/>	<input type="text" value="Z"/>	<input type="text" value="Z"/>	<input type="text" value="A"/>	<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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0.36 0.32 nadww02



Appendix B

Field Data & Soil Profile Logs

Page 36 of 218
Received by OCD: 6/11/2021 9:43:45 AM
Released to Imaging: 6/8/2022 1:48:12 PM



Sample Log

Project: Trunk M Pipeline Release
Project Number: 14051
Date: 5/6/21
Latitude: 32.336808
Longitude: -103.211151

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 1 @ 2'	-	144	
FL 2 @ 2'	-	120	
FL 3 @ 2'	-	ND	
FL 4 @ 2'	-	120	
FL 5 @ 2'	-	144	
FL 6 @ 2'	-	ND	
FL 7 @ 2'	-	ND	
FL 8 @ 2'	-	ND	
FL 9 @ 2'	-	ND	
FL 10 @ 2'	-	ND	
FL 11 @ 2'	-	ND	
FL 12 @ 2'	-	ND	
FL 13 @ 2'	-	NA	
FL 14 @ 2'	-	ND	
FL 15 @ 2'	-	ND	
FL 16 @ 2'	-	120	
FL 17 @ 2'	-	ND	
FL 18 @ 2'	-	144	
FL 19 @ 2'	-	ND	
FL 20 @ 2'	-	198	
EW 1	-	120	
EW 2	-	120	
EW 3	-	224	
EW 4	-		
EW 5	-		
SW 1	-	ND	
SW 2	-	196	
SW 3	-	1	
FL 21	-	168	
FL 22	-	144	
FL 23	-	120	
FL 24	-	ND	
FL 25	-	120	
FL 26	-	120	
FL 27	-	ND	
FL 28	-	ND	

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



Sample Log

Date:

5/11/21

Project: Trunk M Pipeline Release

Project Number:

14051

Latitude:

32.336808

Longitude:

-103.211151

Sample ID	PID/Odor	Chloride Conc.	GPS
FL 29 @ 2'	-	196	
FL 30 @ 2'	-	120	
FL 31 @ 2'	-	ND	
FL 32 @ 2'	-	ND	
FL 33 @ 1'	-	ND	
FL 34 @ 1'	-	ND	
FL 35 @ 1'	-	ND	
FL 36 @ 1'	-	ND	
FL 37 @ 1'	-	ND	
FL 38 @ 1'	-	ND	
FL 39 @ 1'	-	ND	
FL 40 @ 1'	-	120	
FL 41 @ 1'	-	ND	
FL 42 @ 1'	-	NA	
FL 43 @ 1'	-	120	
FL 44 @ 1'	-	144	
FL 45 @ 1'	-	ND	
FL 46 @ 1'	-	ND	
FL 47 @ 1'	-	ND	
FL 48 @ 1'	-	NA	
FL 49 @ 1'	-	NA	
FL 50 @ 1'	-	144	
FL 51 @ 2'	-	120	
FL 52 @ 1'	-	ND	
FL 53 @ 1'	-	ND	
FL 54 @	-		
FL 55 @	-		
FL 56 @	-		
FL 57 @	-		
FL 58 @	-		
FL 59 @	-		
FL 60 @	-		

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

Appendix C

Photographic Log

Photographic Log



Photo Number: 1	 <p>25/05/2021 10:28:38 +32.336996, -103.211169 100° E</p>
Photo Direction: East	
Photo Description: View of the excavated area.	

Photo Number: 2	 <p>25/05/2021 10:29:30 +32.336628, -103.211237 349° N</p>
Photo Direction: North	
Photo Description: View of the excavated area.	

Photographic Log



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

Photo Number: 4	
Photo Direction: South	
Photo Description: View of the remediated area during backfilling.	

Photographic Log


Photo Number: 5	 A photograph showing a wide, reddish-brown dirt road or path that stretches into the distance. The road is flanked by low-lying green vegetation and sandy soil. In the background, there are utility poles and a clear blue sky with scattered white clouds. The photo is timestamped "Jun 1, 2021 at 2:02:54 PM" in the top right corner and has coordinates "32.336978,-103.211181" in the bottom right corner.
Photo Direction: East	
Photo Description: View of the remediated area after backfilling and regrading.	

Photo Number: 6	 A photograph showing a wide, reddish-brown dirt field or area. The ground is uneven with visible tire tracks and some small mounds of earth. In the background, there is a line of green vegetation and utility poles under a blue sky with white clouds. The photo is timestamped "Jun 1, 2021 at 2:02:48 PM" in the top right corner and has coordinates "32.336978,-103.211181" in the bottom right corner.
Photo Direction: South	
Photo Description: View of the remediated area after backfilling and regrading.	

Photographic Log

Photo Number: 7	
Photo Direction: Southeast	
Photo Description: View of the remediated area after backfilling and regrading.	

Photo Number: 8	
Photo Direction: Southwest	
Photo Description: View of the remediated area after backfilling and regrading.	

Appendix D

Laboratory Analytical Reports



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

May 12, 2021

LANCE CRENSHAW

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: TRUNK M PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 05/07/21 16:35.

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
 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 1 @ 2' (H211189-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTEX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	16.0	16.0	05/11/2021	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	05/10/2021	ND	224	112	200	3.87	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	215	107	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.1 % 38.9-142

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Analytical Results For:

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

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 2 @ 2' (H211189-02)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	<16.0	16.0	05/11/2021	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	05/10/2021	ND	224	112	200	3.87	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	215	107	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 96.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.0 % 38.9-142

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Analytical Results For:

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 3 @ 2' (H211189-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTEX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	224	112	200	3.87	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	215	107	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 89.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.0 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 4 @ 2' (H211189-04)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTEX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	224	112	200	3.87	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	215	107	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 95.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.0 % 38.9-142

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Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 5 @ 2' (H211189-05)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	224	112	200	3.87	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	215	107	200	2.02	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 99.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 93.5 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 6 @ 2' (H211189-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	<16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 97.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.1 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 7 @ 2' (H211189-07)

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	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 99.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 8 @ 2' (H211189-08)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTEX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	<16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 84.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.4 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 9 @ 2' (H211189-09)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTEX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	<16.0	16.0	05/11/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 102 % 38.9-142

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Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 10 @ 2' (H211189-10)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTEx	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.2 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	11.1	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 100 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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Analytical Results For:

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

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 11 @ 2' (H211189-11)

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	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	<16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 99.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.4 % 38.9-142

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Analytical Results For:

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

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 12 @ 2' (H211189-12)

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	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	144	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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Analytical Results For:

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 13 @ 2' (H211189-13)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 99.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.5 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 14 @ 2' (H211189-14)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	11.2	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 96.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.9 % 38.9-142

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Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 15 @ 2' (H211189-15)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTEX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	28.2	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 98.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 16 @ 2' (H211189-16)

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	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	31.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 17 @ 2' (H211189-17)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/10/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	5.93	98.8	6.00	5.11	
Total BTEx	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 98.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.1 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 18 @ 2' (H211189-18)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/11/2021	ND	2.08	104	2.00	4.95	
Toluene*	<0.050	0.050	05/11/2021	ND	2.03	101	2.00	5.41	
Ethylbenzene*	<0.050	0.050	05/11/2021	ND	1.98	99.0	2.00	4.79	
Total Xylenes*	<0.150	0.150	05/11/2021	ND	5.93	98.8	6.00	5.11	
Total BTX	<0.300	0.300	05/11/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 99.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 99.6 % 38.9-142

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Analytical Results For:

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

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 19 @ 2' (H211189-19)

BTX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2021	ND	2.08	104	2.00	4.95		
Toluene*	<0.050	0.050	05/11/2021	ND	2.03	101	2.00	5.41		
Ethylbenzene*	<0.050	0.050	05/11/2021	ND	1.98	99.0	2.00	4.79		
Total Xylenes*	<0.150	0.150	05/11/2021	ND	5.93	98.8	6.00	5.11		
Total BTX	<0.300	0.300	05/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 90.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.4 % 38.9-142

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Analytical Results For:

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 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 20 @ 2' (H211189-20)

BTX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/11/2021	ND	2.08	104	2.00	4.95		
Toluene*	<0.050	0.050	05/11/2021	ND	2.03	101	2.00	5.41		
Ethylbenzene*	<0.050	0.050	05/11/2021	ND	1.98	99.0	2.00	4.79		
Total Xylenes*	<0.150	0.150	05/11/2021	ND	5.93	98.8	6.00	5.11		
Total BTX	<0.300	0.300	05/11/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/10/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/10/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/10/2021	ND					

Surrogate: 1-Chlorooctane 104 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 38.9-142

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Analytical Results For:

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 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 21 @ 2' (H211189-21)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.02	101	2.00	4.08	
Toluene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	6.50	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	8.02	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	6.11	102	6.00	6.26	
Total BTX	<0.300	0.300	05/10/2021	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	32.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/11/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/11/2021	ND					

Surrogate: 1-Chlorooctane 98.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 100 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 22 @ 2' (H211189-22)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.02	101	2.00	4.08	
Toluene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	6.50	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	8.02	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	6.11	102	6.00	6.26	
Total BTX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	16.0	16.0	05/11/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/11/2021	ND	206	103	200	1.60	
DRO >C10-C28*	27.3	10.0	05/11/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/11/2021	ND					

Surrogate: 1-Chlorooctane 103 % 44.3-133

Surrogate: 1-Chlorooctadecane 106 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 23 @ 2' (H211189-23)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.02	101	2.00	4.08	
Toluene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	6.50	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	8.02	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	6.11	102	6.00	6.26	
Total BTX	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	05/11/2021	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	05/11/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/11/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/11/2021	ND					

Surrogate: 1-Chlorooctane 95.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.9 % 38.9-142

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Analytical Results For:

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 24 @ 2' (H211189-24)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.02	101	2.00	4.08	
Toluene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	6.50	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	8.02	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	6.11	102	6.00	6.26	
Total BTEX	<0.300	0.300	05/10/2021	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	<16.0	16.0	05/11/2021	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	05/11/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/11/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/11/2021	ND					

Surrogate: 1-Chlorooctane 95.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.8 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW 1 (H211189-25)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/10/2021	ND	2.02	101	2.00	4.08		
Toluene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	6.50		
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	8.02		
Total Xylenes*	<0.150	0.150	05/10/2021	ND	6.11	102	6.00	6.26		
Total BTEx	<0.300	0.300	05/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	05/11/2021	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	05/11/2021	ND	206	103	200	1.60	
DRO >C10-C28*	<10.0	10.0	05/11/2021	ND	208	104	200	3.23	
EXT DRO >C28-C36	<10.0	10.0	05/11/2021	ND					

Surrogate: 1-Chlorooctane 95.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.4 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW 2 (H211189-26)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/10/2021	ND	2.02	101	2.00	4.08		
Toluene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	6.50		
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	8.02		
Total Xylenes*	<0.150	0.150	05/10/2021	ND	6.11	102	6.00	6.26		
Total BTEx	<0.300	0.300	05/10/2021	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	16.0	16.0	05/11/2021	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	05/11/2021	ND	209	105	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/11/2021	ND	225	113	200	0.928	
EXT DRO >C28-C36	<10.0	10.0	05/11/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.6 % 38.9-142

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: EW 1 (H211189-27)

BTX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/10/2021	ND	2.02	101	2.00	4.08		
Toluene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	6.50		
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	8.02		
Total Xylenes*	<0.150	0.150	05/10/2021	ND	6.11	102	6.00	6.26		
Total BTX	<0.300	0.300	05/10/2021	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	16.0	16.0	05/11/2021	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	05/11/2021	ND	209	105	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/11/2021	ND	225	113	200	0.928	
EXT DRO >C28-C36	<10.0	10.0	05/11/2021	ND					

Surrogate: 1-Chlorooctane 93.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.9 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: EW 2 (H211189-28)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/10/2021	ND	2.02	101	2.00	4.08	
Toluene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	6.50	
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	8.02	
Total Xylenes*	<0.150	0.150	05/10/2021	ND	6.11	102	6.00	6.26	
Total BTEx	<0.300	0.300	05/10/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	16.0	16.0	05/11/2021	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	05/11/2021	ND	209	105	200	2.15	
DRO >C10-C28*	62.5	10.0	05/11/2021	ND	225	113	200	0.928	
EXT DRO >C28-C36	24.3	10.0	05/11/2021	ND					

Surrogate: 1-Chlorooctane 87.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.7 % 38.9-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/07/2021
 Reported: 05/12/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/07/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: EW 3 (H211189-29)

BTX 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/10/2021	ND	2.02	101	2.00	4.08		
Toluene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	6.50		
Ethylbenzene*	<0.050	0.050	05/10/2021	ND	2.08	104	2.00	8.02		
Total Xylenes*	<0.150	0.150	05/10/2021	ND	6.11	102	6.00	6.26		
Total BTX	<0.300	0.300	05/10/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	05/11/2021	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	05/11/2021	ND	209	105	200	2.15	
DRO >C10-C28*	<10.0	10.0	05/11/2021	ND	225	113	200	0.928	
EXT DRO >C28-C36	<10.0	10.0	05/11/2021	ND					

Surrogate: 1-Chlorooctane 90.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.2 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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 cursive script, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 32 of 34

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																	
Project Manager: Lance Creshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)																	
Address: P.O. Box 301				Company: ETC																					
City: Lovington State: NM Zip: 88260				Attn: Dean Ericson																					
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																					
Project #: 14051 Project Owner: ETC				City:																					
Project Name: Trunk M Pipeline				State: Zip:																					
Project Location: -				Phone #:																					
Sampler Name: Leonel Mojica				Fax #:																					
FOR LAB USE ONLY																									
Lab I.D.		Sample I.D.		GRAB OR (COMP. # CONTAINERS)		MATRIX		PRESERV.		SAMPLING															
						GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		ACID/BASE: ICEY COOL OTHER:		DATE TIME															
H211189																									
1 FL 1 @ 2'		C 1				X		X		5/7/21															
2 FL 2 @ 2'		C 1				X		X		5/7/21															
3 FL 3 @ 2'		C 1				X		X		5/7/21															
4 FL 4 @ 2'		C 1				X		X		5/7/21															
5 FL 5 @ 2'		C 1				X		X		5/7/21															
6 FL 6 @ 2'		C 1				X		X		5/7/21															
7 PL 7 @ 2'		C 1				X		X		5/7/21															
8 FL 8 @ 2'		C 1				X		X		5/7/21															
9 FL 9 @ 2'		C 1				X		X		5/7/21															
10 FL 10 @ 2'		C 1				X		X		5/7/21															
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Relinquished By: Leonel Mojica				Date: 5/7/21 Time: 1635				Received By: [Signature]				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 #:													
Time:												REMARKS:													
Delivered By: (Circle One)				Sample Condition				CHECKED BY:				Please email results to pm@etechenv.com.													
Sampler - UPS - Bus - Other:				Cool Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No				J.D.																	



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																															
Project Manager: Lance Crenshaw				P.O. #:				<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																															
Address: P.O. Box 301				Company: ETC																																			
City: Lovington State: NM Zip: 88260				Attn: Dean Ericson																																			
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																																			
Project #: 14057 Project Owner: ETC				City:																																			
Project Name: Trunk M Pipeline				State: Zip:																																			
Project Location:				Phone #:																																			
Sampler Name: Leonel Mojica				Fax #:																																			
FOR LAB USE ONLY																																							
Lab I.D.		Sample I.D.		(GRAB OR COMPOUND)		# CONTAINERS		MATRIX		PRESERV.		SAMPLING																											
				GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE/COOL		OTHER:		DATE		TIME															
H211189																																							
11 FL 11 e				C 1				X								X		5/7/21				X		X		X													
12 FL 12 e				C 1				X								X		5/7/21				X		X		X													
13 FL 13 e				C 1				X								X		5/7/21				X		X		X													
14 FL 14 e				C 1				X								X		5/7/21				X		X		X													
15 FL 15 e				C 1				X								X		5/7/21				X		X		X													
16 FL 16 e				C 1				X								X		5/7/21				X		X		X													
17 FL 17 e				C 1				X								X		5/7/21				X		X		X													
18 FL 18 e				C 1				X								X		5/7/21				X		X		X													
19 FL 19 e				C 1				X								X		5/7/21				X		X		X													
20 FL 20 e				C 1				X								X		5/7/21				X		X		X													
<p>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.</p>																																							
Relinquished By:				Date: 5/7/21				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																							
Leonel Mojica				Time: 1635				Tamara Aldrete				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																							
Relinquished By:				Date:				Received By:				REMARKS:																											
Delivered By: (Circle One)				Sample Condition				CHECKED BY:				Please email results to pm@etechenv.com.																											
Sampler - UPS - Bus - Other:				Cool Intact				(Initials)																															
8.7c #113				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				T.O.																															



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																			
Project Manager: Lance Crenshaw				P.O. #:				Chloride TPH (8015M) BTEX (8021B)																																			
Address: P.O. Box 301				Company: ETC																																							
City: Lovington State: NM Zip: 88260				Attn: Dean Ericson																																							
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																																							
Project #: 14051 Project Owner: ETC				City:																																							
Project Name: Trunk M Pipeline				State: Zip:																																							
Project Location:				Phone #:																																							
Sampler Name: Leonel Mojica				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		ICEY COOL		OTHER:		DATE		TIME															
H211189																																											
21		FL 21 @ 2'		C 1								X										X				5/7/21																	
22		FL 22 @ 2'		C 1								X										X				5/7/21																	
23		FL 23 @ 2'		C 1								X										X				5/7/21																	
24		FL 24 @ 2'		C 1								X										X				5/7/21																	
25		SW 1		C 1								X										X				5/7/21																	
26		SW 2		C 1								X										X				5/7/21																	
27		EW 1		C 1								X										X				5/7/21																	
28		EW 2		C 1								X										X				5/7/21																	
29		EW 3		C 1								X										X				5/7/21																	
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Relinquished By: Leonel Mojica				Date: 5/7/21		Received By: [Signature]				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																													
Relinquished By:				Time: 1635						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																													
				Date:		Received By:				REMARKS:																																	
				Time:																																							
Delivered By: (Circle One)				Sample Condition				CHECKED BY:				Please email results to pm@etechenv.com.																															
Sampler - UPS - Bus - Other:				Cool Intact				(Initials)																																			
				<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				[Signature]																																			
				<input type="checkbox"/> No <input type="checkbox"/> Yes																																							



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

May 14, 2021

LANCE CRENSHAW

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: TRUNK M PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 05/11/21 16:35.

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, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 35 @ 1' (H211220-01)

BTEX 8021B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.99	99.3	2.00	4.29	
Toluene*	<0.050	0.050	05/13/2021	ND	2.11	106	2.00	3.09	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.14	107	2.00	3.57	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.19	103	6.00	3.57	
Total BTEX	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	64.0	16.0	05/14/2021	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	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 95.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.9 % 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
 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 36 @ 1' (H211220-02)

BTEx 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	1.99	99.3	2.00	4.29		
Toluene*	<0.050	0.050	05/13/2021	ND	2.11	106	2.00	3.09		
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.14	107	2.00	3.57		
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.19	103	6.00	3.57		
Total BTEx	<0.300	0.300	05/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/14/2021	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	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 97.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.9 % 38.9-142

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Analytical Results For:

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

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 37 @ 1' (H211220-03)

BTEx 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	1.99	99.3	2.00	4.29		
Toluene*	<0.050	0.050	05/13/2021	ND	2.11	106	2.00	3.09		
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.14	107	2.00	3.57		
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.19	103	6.00	3.57		
Total BTEx	<0.300	0.300	05/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	05/14/2021	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	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 101 % 44.3-133

Surrogate: 1-Chlorooctadecane 97.6 % 38.9-142

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Analytical Results For:

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 38 @ 1' (H211220-04)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.99	99.3	2.00	4.29	
Toluene*	<0.050	0.050	05/13/2021	ND	2.11	106	2.00	3.09	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.14	107	2.00	3.57	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.19	103	6.00	3.57	
Total BTEX	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/14/2021	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	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 99.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.0 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 39 @ 1' (H211220-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.99	99.3	2.00	4.29	
Toluene*	<0.050	0.050	05/13/2021	ND	2.11	106	2.00	3.09	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.14	107	2.00	3.57	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.19	103	6.00	3.57	
Total BTEx	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/14/2021	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	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 91.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.2 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 40 @ 1' (H211220-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.99	99.3	2.00	4.29	
Toluene*	<0.050	0.050	05/13/2021	ND	2.11	106	2.00	3.09	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.14	107	2.00	3.57	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.19	103	6.00	3.57	
Total BTEx	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	05/14/2021	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	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 90.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.5 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 41 @ 1' (H211220-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.99	99.3	2.00	4.29	
Toluene*	<0.050	0.050	05/13/2021	ND	2.11	106	2.00	3.09	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.14	107	2.00	3.57	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.19	103	6.00	3.57	
Total BTEx	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	48.0	16.0	05/14/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	26.2	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 88.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.9 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 42 @ 1' (H211220-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	1.99	99.3	2.00	4.29		
Toluene*	<0.050	0.050	05/13/2021	ND	2.11	106	2.00	3.09		
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.14	107	2.00	3.57		
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.19	103	6.00	3.57		
Total BTEx	<0.300	0.300	05/13/2021	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	<16.0	16.0	05/14/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 87.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.1 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 43 @ 1' (H211220-09)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.99	99.3	2.00	4.29	
Toluene*	<0.050	0.050	05/13/2021	ND	2.11	106	2.00	3.09	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.14	107	2.00	3.57	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.19	103	6.00	3.57	
Total BTEx	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	05/14/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 65.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 62.5 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 44 @ 1' (H211220-10)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.99	99.3	2.00	4.29	
Toluene*	<0.050	0.050	05/13/2021	ND	2.11	106	2.00	3.09	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.14	107	2.00	3.57	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.19	103	6.00	3.57	
Total BTEx	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	05/14/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 80.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.6 % 38.9-142

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Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 25 @ 2' (H211220-11)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.99	99.3	2.00	4.29	
Toluene*	<0.050	0.050	05/13/2021	ND	2.11	106	2.00	3.09	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.14	107	2.00	3.57	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.19	103	6.00	3.57	
Total BTEX	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/14/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 90.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.6 % 38.9-142

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Analytical Results For:

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

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 26 @ 2' (H211220-12)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTEx	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	05/14/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	10.3	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 88.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.1 % 38.9-142

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Analytical Results For:

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

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 27 @ 2' (H211220-13)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59		
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73		
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59		
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47		
Total BTEx	<0.300	0.300	05/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	05/14/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	23.5	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 108 % 44.3-133

Surrogate: 1-Chlorooctadecane 104 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 28 @ 2' (H211220-14)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTEx	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	05/14/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 95.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 92.6 % 38.9-142

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 29 @ 2' (H211220-15)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTEx	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	48.0	16.0	05/14/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	11.1	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 87.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.5 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 30 @ 2' (H211220-16)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59		
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73		
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59		
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47		
Total BTEx	<0.300	0.300	05/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	48.0	16.0	05/14/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	237	119	200	2.24	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	230	115	200	6.12	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 98.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.6 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 31 @ 2' (H211220-17)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59		
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73		
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59		
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47		
Total BTEx	<0.300	0.300	05/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	64.0	16.0	05/14/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 92.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 94.5 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 32 @ 2' (H211220-18)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTEX	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	48.0	16.0	05/14/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 86.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.6 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 33 @ 1' (H211220-19)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59		
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73		
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59		
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47		
Total BTEx	<0.300	0.300	05/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/14/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 88.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.1 % 38.9-142

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Analytical Results For:

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

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 34 @ 1' (H211220-20)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTEx	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	05/14/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 88.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 90.5 % 38.9-142

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 45 @ 1' (H211220-21)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59		
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73		
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59		
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47		
Total BTEx	<0.300	0.300	05/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	05/14/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 85.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 88.1 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 46 @ 1' (H211220-22)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTX	<0.300	0.300	05/13/2021	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	05/14/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	11.2	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 78.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.3 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 47 @ 1' (H211220-23)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTEx	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	05/14/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 89.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 91.2 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 48 @ 1' (H211220-24)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTEX	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	05/14/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 71.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.8 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 49 @ 1' (H211220-25)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTEx	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	05/14/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 93.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 96.0 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 50 @ 1' (H211220-26)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59		
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73		
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59		
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47		
Total BTEx	<0.300	0.300	05/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	48.0	16.0	05/14/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	18.1	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 78.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.2 % 38.9-142

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Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 51 @ 2' (H211220-27)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTX	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	05/14/2021	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 85.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 87.9 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 52 @ 1' (H211220-28)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59	
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73	
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59	
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47	
Total BTX	<0.300	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	48.0	16.0	05/14/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	60.3	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 88.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 95.8 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/11/2021
 Reported: 05/14/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/11/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 53 @ 1' (H211220-29)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2021	ND	1.96	98.2	2.00	3.59		
Toluene*	<0.050	0.050	05/13/2021	ND	2.13	107	2.00	2.73		
Ethylbenzene*	<0.050	0.050	05/13/2021	ND	2.15	108	2.00	2.59		
Total Xylenes*	<0.150	0.150	05/13/2021	ND	6.26	104	6.00	3.47		
Total BTEx	<0.300	0.300	05/13/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	80.0	16.0	05/14/2021	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	<10.0	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	<10.0	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 85.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 86.5 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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 "Celey D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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

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

Page 33 of 34

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**• CARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																							
Project Manager: Lance Crenshaw				P.O. #:				<div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div>																																							
Address: P.O. Box 301				Company: ETC																																											
City: Lovington State: NM Zip: 88260				Attn: Dean Ericson																																											
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																																											
Project #: 14051 Project Owner:				City:																																											
Project Name: Tank M Pipeline				State: Zip:																																											
Project Location:				Phone #:																																											
Sampler Name: Leonel Mojica				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:		ICEY/COOL		OTHER :		DATE		TIME																			
H211220																																															
21		FL 45 e 1'		C 1								X										X				5/11/21				X		X		X													
22		FL 46 e 1'		C 1								X										X				5/11/21				X		X		X													
23		FL 47 e 1'		C 1								X										X				5/11/21				X		X		X													
24		FL 48 e 1'		C 1								X										X				5/11/21				X		X		X													
25		FL 49 e 1'		C 1								X										X				5/11/21				X		X		X													
26		FL 50 e 1'		C 1								X										X				5/11/21				X		X		X													
27		FL 51 e 2'		C 1								X										X				5/11/21				X		X		X													
28		FL 52 e 1'		C 1								X										X				5/11/21				X		X		X													
29		FL 53 e 1'		C 1								X										X				5/11/21				X		X		X													
<p>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.</p>																																															
Relinquished By: Leonel Mojica				Date: 5/11/21		Time: 1635		Received By: [Signature]				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																															
Relinquished By:				Date:		Time:		Received By:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																															
Delivered By: (Circle One)				Date:		Time:		Sample Condition				CHECKED BY: (Initials)				Please email results to pm@etechenv.com.																															
Sampler - UPS - Bus - Other:				9.4c		#113		Cool Intact				T.O.																																			



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

May 13, 2021

LANCE CRENSHAW

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: TRUNK M PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 05/12/21 15:15.

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
 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/12/2021
 Reported: 05/13/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/12/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH 1 @ 12' (H211235-01)

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	05/13/2021	ND	2.01	100	2.00	3.30	
Toluene*	0.443	0.050	05/13/2021	ND	2.12	106	2.00	1.57	
Ethylbenzene*	1.30	0.050	05/13/2021	ND	2.17	109	2.00	0.363	
Total Xylenes*	3.85	0.150	05/13/2021	ND	6.29	105	6.00	1.17	
Total BTEX	5.59	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 146 % 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	192	16.0	05/13/2021	ND	400	100	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*	36.9	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	250	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	25.8	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 106 % 44.3-133

Surrogate: 1-Chlorooctadecane 105 % 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
 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/12/2021
 Reported: 05/13/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/12/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: BH 2 @ 12' (H211235-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2021	ND	2.01	100	2.00	3.30	
Toluene*	0.051	0.050	05/13/2021	ND	2.12	106	2.00	1.57	
Ethylbenzene*	0.100	0.050	05/13/2021	ND	2.17	109	2.00	0.363	
Total Xylenes*	0.303	0.150	05/13/2021	ND	6.29	105	6.00	1.17	
Total BTEX	0.453	0.300	05/13/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	192	16.0	05/13/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	14.3	10.0	05/13/2021	ND	206	103	200	0.886	
DRO >C10-C28*	1170	10.0	05/13/2021	ND	183	91.7	200	0.227	
EXT DRO >C28-C36	265	10.0	05/13/2021	ND					

Surrogate: 1-Chlorooctane 156 % 44.3-133

Surrogate: 1-Chlorooctadecane 160 % 38.9-142

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*=Accredited Analyte

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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



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

May 21, 2021

LANCE CRENSHAW

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: TRUNK M PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 05/18/21 8:50.

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
 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 54 (H211283-01)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2021	ND	1.84	92.1	2.00	4.37	
Toluene*	<0.050	0.050	05/19/2021	ND	2.11	105	2.00	2.78	
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	2.15	107	2.00	4.56	
Total Xylenes*	<0.150	0.150	05/19/2021	ND	6.36	106	6.00	3.74	
Total BTEx	<0.300	0.300	05/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	160	16.0	05/20/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	208	104	200	8.08	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	225	113	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 71.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.6 % 38.9-142

Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 55 (H211283-02)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.84	92.1	2.00	4.37		
Toluene*	<0.050	0.050	05/19/2021	ND	2.11	105	2.00	2.78		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	2.15	107	2.00	4.56		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	6.36	106	6.00	3.74		
Total BTEx	<0.300	0.300	05/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	05/20/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	208	104	200	8.08	
DRO >C10-C28*	10.1	10.0	05/19/2021	ND	225	113	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 76.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.5 % 38.9-142

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 56 (H211283-03)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTX	<0.300	0.300	05/19/2021	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	<16.0	16.0	05/20/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	208	104	200	8.08	
DRO >C10-C28*	18.8	10.0	05/19/2021	ND	225	113	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 70.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.4 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 57 (H211283-04)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36	
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16	
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27	
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44	
Total BTX	<0.300	0.300	05/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	208	104	200	8.08	
DRO >C10-C28*	80.1	10.0	05/19/2021	ND	225	113	200	4.27	
EXT DRO >C28-C36	23.9	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 68.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.4 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 58 (H211283-05)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEx	<0.300	0.300	05/19/2021	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	<16.0	16.0	05/20/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	208	104	200	8.08	
DRO >C10-C28*	105	10.0	05/19/2021	ND	225	113	200	4.27	
EXT DRO >C28-C36	30.2	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 66.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.7 % 38.9-142

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Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 59 (H211283-06)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36	
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16	
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27	
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44	
Total BTX	<0.300	0.300	05/19/2021	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	05/20/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	208	104	200	8.08	
DRO >C10-C28*	95.8	10.0	05/19/2021	ND	225	113	200	4.27	
EXT DRO >C28-C36	31.8	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 61.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 65.6 % 38.9-142

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Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 60 (H211283-07)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEX	<0.300	0.300	05/19/2021	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	05/20/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 70.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.9 % 38.9-142

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Analytical Results For:

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 61 EAST (H211283-08)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEx	<0.300	0.300	05/19/2021	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	05/20/2021	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 79.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.0 % 38.9-142

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 61 WEST (H211283-09)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEx	<0.300	0.300	05/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 74.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.1 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 62 (H211283-10)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTX	<0.300	0.300	05/19/2021	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	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 75.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.5 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 63 (H211283-11)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEX	<0.300	0.300	05/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	48.0	16.0	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	250	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	108	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 61.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 62.2 % 38.9-142

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Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 64 (H211283-12)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEx	<0.300	0.300	05/19/2021	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	<16.0	16.0	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 73.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.4 % 38.9-142

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Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 65 (H211283-13)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36	
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16	
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27	
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44	
Total BTEx	<0.300	0.300	05/19/2021	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	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	15.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 68.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 66.8 % 38.9-142

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Analytical Results For:

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 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 66 (H211283-14)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEX	<0.300	0.300	05/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 77.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.9 % 38.9-142

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Analytical Results For:

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 67 (H211283-15)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEX	<0.300	0.300	05/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	12.1	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 72.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.2 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 68 (H211283-16)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEX	<0.300	0.300	05/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.4 % 38.9-142

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Analytical Results For:

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 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 69 (H211283-17)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEX	<0.300	0.300	05/19/2021	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	112	16.0	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	110	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	46.8	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 75.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.3 % 38.9-142

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 LANCE CRENSHAW
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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 70 (H211283-18)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36	
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16	
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27	
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44	
Total BTEx	<0.300	0.300	05/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	48.0	16.0	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	64.3	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	23.8	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 70.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.2 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 71 (H211283-19)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36	
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16	
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27	
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44	
Total BTX	<0.300	0.300	05/19/2021	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	16.0	16.0	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	137	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	69.3	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 61.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 67.1 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 72 (H211283-20)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEX	<0.300	0.300	05/19/2021	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	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 77.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.3 % 38.9-142

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Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 73 (H211283-21)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEx	<0.300	0.300	05/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	23.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 76.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.1 % 38.9-142

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Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 74 (H211283-22)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.86	93.0	2.00	6.36		
Toluene*	<0.050	0.050	05/19/2021	ND	1.90	95.1	2.00	6.16		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	6.27		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.67	94.4	6.00	6.44		
Total BTEX	<0.300	0.300	05/19/2021	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	<16.0	16.0	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	77.4	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	31.5	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 60.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 63.0 % 38.9-142

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Analytical Results For:

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 75 (H211283-23)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27		
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37		
Total BTEX	<0.300	0.300	05/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	64.0	16.0	05/20/2021	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	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	13.8	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 61.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 60.7 % 38.9-142

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 76 (H211283-24)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 75.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.2 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 77 (H211283-25)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27		
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37		
Total BTX	<0.300	0.300	05/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 64.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 63.9 % 38.9-142

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Analytical Results For:

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 78 (H211283-26)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTEx	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	140	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	34.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 52.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 58.1 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 79 (H211283-27)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTEX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	12.0	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 64.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 62.5 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: FL - 80 (H211283-28)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTEX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	144	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	41.9	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 57.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 68.5 % 38.9-142

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Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 1 (H211283-29)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 123 % 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	336	16.0	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	15.5	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 73.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.3 % 38.9-142

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 2 (H211283-30)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTEx	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 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	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	14.1	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 77.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.2 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 3 (H211283-31)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	112	16.0	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	151	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	55.1	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 73.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 83.7 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 4 (H211283-32)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	400	16.0	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	47.7	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 76.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.4 % 38.9-142

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 P.O. Box 301
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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 5 (H211283-33)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27		
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37		
Total BTX	<0.300	0.300	05/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	64.0	16.0	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	38.0	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	12.8	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 79.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.6 % 38.9-142

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Analytical Results For:

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 6 (H211283-34)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27		
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37		
Total BTEx	<0.300	0.300	05/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	48.0	16.0	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 57.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 56.3 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 7 (H211283-35)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	27.0	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 63.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 63.9 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 8 (H211283-36)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27		
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09		
Total Xylenes*	0.274	0.150	05/20/2021	ND	6.70	112	6.00	6.37		
Total BTEx	<0.300	0.300	05/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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	05/20/2021	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*	29.3	10.0	05/21/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	3000	10.0	05/21/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	1200	10.0	05/21/2021	ND					

Surrogate: 1-Chlorooctane 93.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 134 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 9 (H211283-37)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTEx	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	68.6	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 67.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.4 % 38.9-142

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Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 10 (H211283-38)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	64.0	16.0	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	87.3	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	16.7	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 63.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.1 % 38.9-142

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Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 11 (H211283-39)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	176	16.0	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	85.7	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	21.3	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 75.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.4 % 38.9-142

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Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 12 (H211283-40)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	0.141	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	0.479	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTEx	0.620	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 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	05/20/2021	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*	14.3	10.0	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	601	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	183	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 61.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.2 % 38.9-142

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Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 13 (H211283-41)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTEx	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	48.0	16.0	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	113	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	54.6	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 67.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.2 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 14 (H211283-42)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	5.27	
Toluene*	<0.050	0.050	05/20/2021	ND	2.23	111	2.00	7.05	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	2.29	115	2.00	7.09	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	6.70	112	6.00	6.37	
Total BTEx	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	48.0	16.0	05/20/2021	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	05/20/2021	ND	202	101	200	0.0913	
DRO >C10-C28*	322	10.0	05/20/2021	ND	181	90.3	200	0.231	
EXT DRO >C28-C36	111	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 56.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 77.0 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 15 (H211283-43)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.84	92.1	2.00	4.10		
Toluene*	<0.050	0.050	05/19/2021	ND	1.88	94.2	2.00	4.19		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.86	92.8	2.00	3.93		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.64	94.1	6.00	3.69		
Total BTX	<0.300	0.300	05/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	64.0	16.0	05/20/2021	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	05/19/2021	ND	214	107	200	3.38	
DRO >C10-C28*	81.2	10.0	05/19/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	33.2	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 76.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.3 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 16 (H211283-44)

BTX 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.84	92.1	2.00	4.10		
Toluene*	<0.050	0.050	05/19/2021	ND	1.88	94.2	2.00	4.19		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.86	92.8	2.00	3.93		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.64	94.1	6.00	3.69		
Total BTX	<0.300	0.300	05/19/2021	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	05/20/2021	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	05/19/2021	ND	214	107	200	3.38		
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	220	110	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND						

Surrogate: 1-Chlorooctane 73.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.2 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW - 1 (H211283-45)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.84	92.1	2.00	4.10		
Toluene*	<0.050	0.050	05/19/2021	ND	1.88	94.2	2.00	4.19		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.86	92.8	2.00	3.93		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.64	94.1	6.00	3.69		
Total BTEx	<0.300	0.300	05/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	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	05/19/2021	ND	214	107	200	3.38	
DRO >C10-C28*	22.7	10.0	05/19/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 73.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.7 % 38.9-142

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Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW - 2 (H211283-46)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10	
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69	
Total BTX	<0.300	0.300	05/20/2021	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	05/20/2021	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	05/19/2021	ND	214	107	200	3.38	
DRO >C10-C28*	20.2	10.0	05/19/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 72.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 70.2 % 38.9-142

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Analytical Results For:

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 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW - 3 (H211283-47)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10		
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69		
Total BTEx	<0.300	0.300	05/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	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	05/19/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 73.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.9 % 38.9-142

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Analytical Results For:

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW - 4 (H211283-48)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10	
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69	
Total BTX	<0.300	0.300	05/20/2021	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	05/20/2021	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	05/19/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 76.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.9 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW - 5 (H211283-49)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10		
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69		
Total BTEx	<0.300	0.300	05/20/2021	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	05/20/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 77.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 75.4 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW - 6 (H211283-50)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10		
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69		
Total BTX	<0.300	0.300	05/20/2021	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	05/20/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 76.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.4 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: NW - 7 (H211283-51)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10	
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69	
Total BTEX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 87.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 84.8 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: EW - 4 (H211283-52)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10	
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69	
Total BTX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 69.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 66.5 % 38.9-142

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Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: SW - 3 (H211283-53)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10	
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69	
Total BTX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	48.0	16.0	05/20/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 76.8 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.8 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: WW - 1 (H211283-54)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10	
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69	
Total BTEX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 88.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.4 % 38.9-142

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Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: RSW - 1 (H211283-55)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10	
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69	
Total BTX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 72.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.2 % 38.9-142

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Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: RSW - 2 (H211283-56)

BTX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10		
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69		
Total BTX	<0.300	0.300	05/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 78.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.0 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: RSW - 3 (H211283-57)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10	
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69	
Total BTEX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	05/20/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 76.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.8 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: RP WSW - 1 (H211283-58)

BTX 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10		
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69		
Total BTX	<0.300	0.300	05/20/2021	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	05/20/2021	ND	432	108	400	7.69		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38		
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29		
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND						

Surrogate: 1-Chlorooctane 71.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 69.4 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: RP ESW - 1 (H211283-59)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10	
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69	
Total BTEX	<0.300	0.300	05/20/2021	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	64.0	16.0	05/20/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 74.9 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.0 % 38.9-142

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 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: RP NW (H211283-60)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10	
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69	
Total BTX	<0.300	0.300	05/20/2021	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	160	16.0	05/20/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 69.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 66.8 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: RP NW FL (H211283-61)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10	
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69	
Total BTX	<0.300	0.300	05/20/2021	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	208	16.0	05/20/2021	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 74.3 % 44.3-133

Surrogate: 1-Chlorooctadecane 72.5 % 38.9-142

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Analytical Results For:

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 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/21/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/17/2021
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Tamara Oldaker

Sample ID: RP NE FL (H211283-62)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.84	92.1	2.00	4.10		
Toluene*	<0.050	0.050	05/20/2021	ND	1.88	94.2	2.00	4.19		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.86	92.8	2.00	3.93		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.64	94.1	6.00	3.69		
Total BTEx	<0.300	0.300	05/20/2021	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	368	16.0	05/20/2021	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	214	107	200	3.38	
DRO >C10-C28*	44.3	10.0	05/20/2021	ND	220	110	200	2.29	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 73.1 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.8 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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 "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 1 of 7

Page 65 of 71

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST																																							
Project Manager: Lance Crenshaw				P.O. #:				<div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div>																																							
Address: P.O. Box 301				Company: ETC																																											
City: Lovington State: NM Zip: 88260				Attn: Dean Ericsson																																											
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																																											
Project #: 14051 Project Owner: ETC				City:																																											
Project Name: Trunk M Pipeline Release				State: Zip:																																											
Project Location: Rural Lea County, NM				Phone #:																																											
Sampler Name: Joel Lowry				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																			
4211283				C		1						X										X				5/17/21				X		X		X													
2		FL-55		C		1						X										X				5/17/21				X		X		X													
3		FL-56		C		1						X										X				5/17/21				X		X		X													
4		FL-57		C		1						X										X				5/17/21				X		X		X													
5		FL-58		C		1						X										X				5/17/21				X		X		X													
6		FL-59		C		1						X										X				5/17/21				X		X		X													
7		FL-60		C		1						X										X				5/17/21				X		X		X													
8		FL-61 East		C		1						X										X				5/17/21				X		X		X													
9		FL-61 West		C		1						X										X				5/17/21				X		X		X													
10		FL-62		C		1						X										X				5/17/21				X		X		X													
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Relinquished By:				Date: 5-18-21				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																															
				Time: 0850								Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																															
Relinquished By:				Date:				Received By:				REMARKS:																																			
				Time:																																											
Delivered By: (Circle One)										Sample Condition										CHECKED BY:																											
Sampler - UPS - Bus - Other: -2.6i #113										Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No										(Initials) JD																											
Please email results to pm@etechenv.com.																																															



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 7

Company Name: Etech Environmental & Safety Solutions, Inc.										BILL TO										ANALYSIS REQUEST																			
Project Manager: Lance Crenshaw										P.O. #:										<div style="display: flex; justify-content: space-around;"> <div>Chloride</div> <div>TPH (8015M)</div> <div>BTEX (8021B)</div> </div>																			
Address: P.O. Box 301										Company: ETC																													
City: Lovington State: NM Zip: 88260										Attn: Dean Ericsson																													
Phone #: (575) 396-2378 Fax #: (575) 396-1429										Address:																													
Project #: 14051 Project Owner: ETC										City:																													
Project Name: Trunk M Pipeline Release										State: Zip:																													
Project Location: Rural Lea County, NM										Phone #:																													
Sampler Name: Joel Lowry										Fax #:																													
FOR LAB USE ONLY																																							
Lab I.D.		Sample I.D.								GRAB OR (C)OMP.		# CONTAINERS		MATRIX				PRESERV.		SAMPLING																			
														GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				ACID/BASE: ICE / COOL OTHER :		DATE TIME																			
H211283										C 1								X		5/17/21																			
11		FL-63								C 1								X		5/17/21																			
12		FL-64								C 1								X		5/17/21																			
13		FL-65								C 1								X		5/17/21																			
14		FL-66								C 1								X		5/17/21																			
15		FL-67								C 1								X		5/17/21																			
16		FL-68								C 1								X		5/17/21																			
17		FL-69								C 1								X		5/17/21																			
18		FL-70								C 1								X		5/17/21																			
19		FL-71								C 1								X		5/17/21																			
20		FL-72								C 1								X		5/17/21																			
<p><small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the 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.</small></p>																																							
Relinquished By: <i>[Signature]</i>										Date: 5-18-21										Received By: <i>[Signature]</i>										Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:									
										Time: 0850																				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:									
Relinquished By:										Date:										Received By:										REMARKS:									
										Time:																													
Delivered By: (Circle One)										Sample Condition										CHECKED BY:										Please email results to pm@etechenv.com.									
Sampler - UPS - Bus - Other: - 2.6i #113										Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> No										(Initials) YB-																			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 7

Company Name: Etech Environmental & Safety Solutions, Inc.				BILL TO				ANALYSIS REQUEST													
Project Manager: Lance Crenshaw				P.O. #:				Chloride	TPH (8015M)	BTEX (8021B)											
Address: P.O. Box 301				Company: ETC																	
City: Lovington State: NM Zip: 88260				Attn: Dean Ericsson																	
Phone #: (575) 396-2378 Fax #: (575) 396-1429				Address:																	
Project #: 14051 Project Owner: ETC				City:																	
Project Name: Trunk M Pipeline Release				State: Zip:																	
Project Location: Rural Lea County, NM				Phone #:																	
Sampler Name: Joel Lowry				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							
H211283																					
31	DCP FL-3	C	1			X				X			5/17/21		X	X	X				
32	DCP FL-4	C	1			X				X			5/17/21		X	X	X				
33	DCP FL-5	C	1			X				X			5/17/21		X	X	X				
34	DCP FL-6	C	1			X				X			5/17/21		X	X	X				
35	DCP FL-7	C	1			X				X			5/17/21		X	X	X				
36	DCP FL-8	C	1			X				X			5/17/21		X	X	X				
37	DCP FL-9	C	1			X				X			5/17/21		X	X	X				
38	DCP FL-10	C	1			X				X			5/17/21		X	X	X				
39	DCP FL-11	C	1			X				X			5/17/21		X	X	X				
40	DCP FL-12	C	1			X				X			5/17/21		X	X	X				

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Relinquished By:	Date: 5-18-21	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 0850		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: -2.66 #113

Sample Condition

Cool Intact

☒ Yes ☐ No ☐ Yes ☐ No

CHECKED BY: (Initials)

yo.

Please email results to pm@etechenv.com.

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Released to Imaging: 6/8/2022 1:48:12 PM



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May 19, 2021

LANCE CRENSHAW

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: TRUNK M PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 05/18/21 16:05.

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



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Analytical Results For:

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

Received: 05/18/2021
 Reported: 05/19/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/18/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: RP - SW - FL @ 11' (H211294-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2021	ND	1.89	94.6	2.00	7.87	
Toluene*	<0.050	0.050	05/19/2021	ND	1.91	95.4	2.00	7.95	
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	7.76	
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.71	95.1	6.00	7.36	
Total BTEX	<0.300	0.300	05/19/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	528	16.0	05/19/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 79.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.6 % 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
 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/19/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/18/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: RP - SE - FL @ 10' (H211294-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/19/2021	ND	1.89	94.6	2.00	7.87	
Toluene*	<0.050	0.050	05/19/2021	ND	1.91	95.4	2.00	7.95	
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	7.76	
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.71	95.1	6.00	7.36	
Total BTEX	<0.300	0.300	05/19/2021	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	688	16.0	05/19/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 77.6 % 44.3-133

Surrogate: 1-Chlorooctadecane 73.9 % 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
 LANCE CRENSHAW
 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/18/2021
 Reported: 05/19/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/18/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: RP - ESW - #2 (H211294-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/19/2021	ND	1.89	94.6	2.00	7.87		
Toluene*	<0.050	0.050	05/19/2021	ND	1.91	95.4	2.00	7.95		
Ethylbenzene*	<0.050	0.050	05/19/2021	ND	1.88	93.8	2.00	7.76		
Total Xylenes*	<0.150	0.150	05/19/2021	ND	5.71	95.1	6.00	7.36		
Total BTEX	<0.300	0.300	05/19/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	112	16.0	05/19/2021	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/19/2021	ND	206	103	200	5.62	
DRO >C10-C28*	<10.0	10.0	05/19/2021	ND	227	114	200	4.27	
EXT DRO >C28-C36	<10.0	10.0	05/19/2021	ND					

Surrogate: 1-Chlorooctane 75.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 71.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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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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May 20, 2021

LANCE CRENSHAW

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: TRUNK M PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 05/19/21 16:20.

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, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 05/19/2021
 Reported: 05/20/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: SW 4 (H211303-01)

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	05/20/2021	ND	1.93	96.3	2.00	4.28	
Toluene*	<0.050	0.050	05/20/2021	ND	1.95	97.3	2.00	4.58	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.90	95.1	2.00	6.07	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.77	96.1	6.00	5.79	
Total BTX	<0.300	0.300	05/20/2021	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	05/20/2021	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	05/20/2021	ND	212	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	215	107	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 83.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.7 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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 Fax To: (575) 396-1429

Received: 05/19/2021
 Reported: 05/20/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL - 85 @ 1' (H211303-02)

BTEx 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	4.28		
Toluene*	<0.050	0.050	05/20/2021	ND	1.95	97.3	2.00	4.58		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.90	95.1	2.00	6.07		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.77	96.1	6.00	5.79		
Total BTEx	<0.300	0.300	05/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	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	05/20/2021	ND	212	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	215	107	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 83.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 78.6 % 38.9-142

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Received: 05/19/2021
 Reported: 05/20/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL - 84 @ 1' (H211303-03)

BTEx 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	4.28		
Toluene*	<0.050	0.050	05/20/2021	ND	1.95	97.3	2.00	4.58		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.90	95.1	2.00	6.07		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.77	96.1	6.00	5.79		
Total BTEx	<0.300	0.300	05/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	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	05/20/2021	ND	212	106	200	3.37	
DRO >C10-C28*	64.9	10.0	05/20/2021	ND	215	107	200	3.95	
EXT DRO >C28-C36	27.6	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 80.4 % 44.3-133

Surrogate: 1-Chlorooctadecane 80.0 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/19/2021
 Reported: 05/20/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL - 83 @ 1' (H211303-04)

BTX 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	4.28		
Toluene*	<0.050	0.050	05/20/2021	ND	1.95	97.3	2.00	4.58		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.90	95.1	2.00	6.07		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.77	96.1	6.00	5.79		
Total BTX	<0.300	0.300	05/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	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	05/20/2021	ND	212	106	200	3.37		
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	215	107	200	3.95		
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND						

Surrogate: 1-Chlorooctane 84.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.6 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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 P.O. Box 301
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 Fax To: (575) 396-1429

Received: 05/19/2021
 Reported: 05/20/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL - 82 @ 1' (H211303-05)

BTEx 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	4.28		
Toluene*	<0.050	0.050	05/20/2021	ND	1.95	97.3	2.00	4.58		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.90	95.1	2.00	6.07		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.77	96.1	6.00	5.79		
Total BTEx	<0.300	0.300	05/20/2021	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	05/20/2021	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	05/20/2021	ND	212	106	200	3.37	
DRO >C10-C28*	25.0	10.0	05/20/2021	ND	215	107	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 76.5 % 44.3-133

Surrogate: 1-Chlorooctadecane 76.4 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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 P.O. Box 301
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 Fax To: (575) 396-1429

Received: 05/19/2021
 Reported: 05/20/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/19/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL - 81 @ 1' (H211303-06)

BTEx 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	4.28		
Toluene*	<0.050	0.050	05/20/2021	ND	1.95	97.3	2.00	4.58		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.90	95.1	2.00	6.07		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.77	96.1	6.00	5.79		
Total BTEx	<0.300	0.300	05/20/2021	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	<16.0	16.0	05/20/2021	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	05/20/2021	ND	212	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	215	107	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 77.0 % 44.3-133

Surrogate: 1-Chlorooctadecane 74.5 % 38.9-142

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 Fax To: (575) 396-1429

Received: 05/19/2021
 Reported: 05/20/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/12/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: RP - WSW - 2 (H211303-07)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	4.28	
Toluene*	<0.050	0.050	05/20/2021	ND	1.95	97.3	2.00	4.58	
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.90	95.1	2.00	6.07	
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.77	96.1	6.00	5.79	
Total BTEX	<0.300	0.300	05/20/2021	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	208	16.0	05/20/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	212	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	215	107	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 83.2 % 44.3-133

Surrogate: 1-Chlorooctadecane 82.5 % 38.9-142

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Received: 05/19/2021
 Reported: 05/20/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/12/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: RP - SSW (H211303-08)

BTEx 8021B			mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/20/2021	ND	1.93	96.3	2.00	4.28		
Toluene*	<0.050	0.050	05/20/2021	ND	1.95	97.3	2.00	4.58		
Ethylbenzene*	<0.050	0.050	05/20/2021	ND	1.90	95.1	2.00	6.07		
Total Xylenes*	<0.150	0.150	05/20/2021	ND	5.77	96.1	6.00	5.79		
Total BTEx	<0.300	0.300	05/20/2021	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	05/20/2021	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/20/2021	ND	212	106	200	3.37	
DRO >C10-C28*	<10.0	10.0	05/20/2021	ND	215	107	200	3.95	
EXT DRO >C28-C36	<10.0	10.0	05/20/2021	ND					

Surrogate: 1-Chlorooctane 85.7 % 44.3-133

Surrogate: 1-Chlorooctadecane 85.3 % 38.9-142

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Celey D. Keene, Lab Director/Quality Manager



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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 "Celey D. Keene", is written over a horizontal line.

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

[illegible]



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

May 27, 2021

LANCE CRENSHAW

Etech Environmental & Safety Solutions

P.O. Box 301

Lovington, NM 88260

RE: TRUNK M PIPELINE

Enclosed are the results of analyses for samples received by the laboratory on 05/25/21 15:15.

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



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Analytical Results For:

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

Received: 05/25/2021
 Reported: 05/27/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/25/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 3 @ 2' (H211342-01)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	209	104	200	1.23	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	227	113	200	1.43	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
<hr/>									
Surrogate: 1-Chlorooctane	82.9 %	44.3-133							
Surrogate: 1-Chlorooctadecane	82.0 %	38.9-142							

Sample ID: DCP FL - 8 @ 2' (H211342-02)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	87.4 %	44.3-133							
Surrogate: 1-Chlorooctadecane	87.9 %	38.9-142							

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Received: 05/25/2021
 Reported: 05/27/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/25/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 10 @ 2' (H211342-03)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	94.3 %	44.3-133							
Surrogate: 1-Chlorooctadecane	94.4 %	38.9-142							

Sample ID: DCP FL - 11 @ 2' (H211342-04)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	93.7 %	44.3-133							
Surrogate: 1-Chlorooctadecane	92.6 %	38.9-142							

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 Fax To: (575) 396-1429

Received: 05/25/2021
 Reported: 05/27/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/25/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 12 @ 2' (H211342-05)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	85.7 %	44.3-133							
Surrogate: 1-Chlorooctadecane	84.6 %	38.9-142							

Sample ID: DCP FL - 13 @ 2' (H211342-06)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	87.7 %	44.3-133							
Surrogate: 1-Chlorooctadecane	86.7 %	38.9-142							

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Received: 05/25/2021
 Reported: 05/27/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/25/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: DCP FL - 14 @ 3' (H211342-07)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	92.5 %	44.3-133							
Surrogate: 1-Chlorooctadecane	92.5 %	38.9-142							

Sample ID: DCP FL - 15 @ 3 1/2' (H211342-08)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	89.7 %	44.3-133							
Surrogate: 1-Chlorooctadecane	87.0 %	38.9-142							

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Received: 05/25/2021
 Reported: 05/27/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/25/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 57 @ 2' (H211342-09)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	90.6 %	44.3-133							
Surrogate: 1-Chlorooctadecane	89.8 %	38.9-142							

Sample ID: FL 58 @ 2' (H211342-10)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	88.4 %	44.3-133							
Surrogate: 1-Chlorooctadecane	87.3 %	38.9-142							

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 P.O. Box 301
 Lovington NM, 88260
 Fax To: (575) 396-1429

Received: 05/25/2021
 Reported: 05/27/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/25/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 59 @ 2' (H211342-11)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	90.7 %	44.3-133							
Surrogate: 1-Chlorooctadecane	90.9 %	38.9-142							

Sample ID: FL 63 @ 2' (H211342-12)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	94.4 %	44.3-133							
Surrogate: 1-Chlorooctadecane	94.9 %	38.9-142							

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 Fax To: (575) 396-1429

Received: 05/25/2021
 Reported: 05/27/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/25/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 69 @ 2' (H211342-13)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	96.0 %	44.3-133							
Surrogate: 1-Chlorooctadecane	95.4 %	38.9-142							

Sample ID: FL 71 @ 2' (H211342-14)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	94.1 %	44.3-133							
Surrogate: 1-Chlorooctadecane	93.6 %	38.9-142							

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 Fax To: (575) 396-1429

Received: 05/25/2021
 Reported: 05/27/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/25/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 74 @ 2' (H211342-15)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	93.6 %	44.3-133							
Surrogate: 1-Chlorooctadecane	93.6 %	38.9-142							

Sample ID: FL 78 @ 2' (H211342-16)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	82.2 %	44.3-133							
Surrogate: 1-Chlorooctadecane	81.3 %	38.9-142							

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Received: 05/25/2021
 Reported: 05/27/2021
 Project Name: TRUNK M PIPELINE
 Project Number: 14051
 Project Location: ETC

Sampling Date: 05/25/2021
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Tamara Oldaker

Sample ID: FL 80 @ 2' (H211342-17)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	05/26/2021	ND	201	101	200	0.343	
DRO >C10-C28*	<10.0	10.0	05/26/2021	ND	218	109	200	11.7	
EXT DRO >C28-C36	<10.0	10.0	05/26/2021	ND					
Surrogate: 1-Chlorooctane	92.6 %	44.3-133							
Surrogate: 1-Chlorooctadecane	92.0 %	38.9-142							

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Celey D. Keene, Lab Director/Quality Manager



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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 "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

**ARDINAL LABORATORIES**

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

CONDITIONS

Action 31549

CONDITIONS

Operator: ETC Texas Pipeline, Ltd. 8111 Westchester Drive Dallas, TX 75225	OGRID: 371183
	Action Number: 31549
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	6/8/2022