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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.

Title: HSE, Regulatory & Government Affairs Supervisor
Date: <u>4-29-21</u>
Telephone: (432)687-1777
Date: 07/29/2021
f liability should their operations have failed to adequately investigate and
ater, human health, or the environment nor does not relieve the responsible
regulations.
Data: 07/20/2021
Date:07/29/2021
Title:Environmental Specialist Advanced

Remediation Summary & Soil Closure Request

Fasken Oil and Ranch, Ltd. Denton Trunkline

Lea County, New Mexico Unit Letter O, Section 11, Township 15 South, Range 37 East Latitude 33.02793 North, Longitude 103.167549 West NMOCD Reference No. nCH1834663774

Prepared By:

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

Ben J. Arguijo

Joel W. Lowry



Midland • San Antonio • Lubbock • Lovington • Lafayette

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- Appendix C Photographic Log

1.0 PROJECT INFORMATION

Etech Environmental & Safety Solutions, Inc. (Etech), on behalf of Fasken Oil and Ranch, Ltd. (Fasken), has prepared this *Remediation Summary & Soil Closure Request* for the release site known as the Denton Trunkline (henceforth, "Site"). Details of the release are summarized below:

	Locati	ion of Release Sou	urce	
Latitude:	33.027930	Longitude:	-103.167549	
	Provid	ded GPS are in WGS84 forma	at.	
Site Name:	Denton Trunkline	Site Type:	Pipeline	
Date Release Discovered	ed: 11/4/2018	API # (if applica	able): N/A	
Unit Letter Sec	ction Townshin	Range	County	
	11 15S	37E	Lea	
Surface Owner: Sta	ate Federal Tribal	I X Private (Nam and Volume of R	ne Darr Angell)
Crude Oil	Volume Released (bbls)		Volume Recovered (bbls)	
X Produced Water	Volume Released (bbls)	50	Volume Recovered (bbls) 30	
	Is the concentration of total (TDS) in the produced wate	dissolved solids er > 10,000 mg/L?	X Yes No N/A	
Condensate	Volume Released (bbls)		Volume Recovered (bbls)	
Natural Gas	Volume Released (Mcf)		Volume Recovered (Mcf)	
Other (describe)	Volume/Weight Released		Volume/Weight Recovered	
Cause of Release: An unused meter bega replaced with a check standing liquid.	n leaking due to corrosion. I valve. An associated valve w	During initial response vas also replaced. A v	e activities, the meter was removed and vacuum truck was utilized to recover free-	
	I	nitial Response		
XThe source of the rXThe impacted areaXRelease materials hXAll free liquids and	release has been stopped. has been secured to protect hunave been contained via the used recoverable materials have be	uman health and the en e of berms or dikes, ab een removed and mana	vironment. sorbent pad, or other containment devices aged 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 halfmile radius of the Site. A review of gauging data from a Plains Pipeline monitor well located within the release margins indicates the depth to groundwater is approximately 68 feet below ground surface (bgs). Depth to groundwater information is provided in Appendix A.

What is the shallowest depth to groundwater beneath the area affected by the release?	68'
Did the release impact groundwater or surface water?	Yes X No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	Yes X No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark?	Yes X No
Are the lateral extents of the release within 300 feet of any occupied permanent residence, school, hospital, institution or church?	Yes X No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	Yes X No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	X Yes No
Are the lateral extents of the release within the incorporated municipal boundaries or within a defined municipal fresh water well field?	Yes X No
Are the lateral extents of the release within 300 feet of a wetland?	Yes X No
Are the lateral extents of the release overlying a subsurface mine?	Yes X No
Are the lateral extents of the release overlying an unstable area such as karst geology?	Yes X No
Are the lateral extents of the release within a 100-year floodplain?	Yes X No
Did the release impact areas not on an exploration, development, production or storage site?	X Yes No

NMOCD Siting Criteria data was gathered from available resources including Bureau of Land Management (BLM) and Fish and 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 **REGULATORY APPROVALS & STIPULATIONS**

On January 30 and July 18, 2019, delineation of the release was conducted by an environmental contractor that is no longer affiliated with the Site.

On December 20, 2019, based on field observations and laboratory analytical data from soil samples collected during the delineation events, a *Spill Workplan* was submitted to the NMOCD, outlining a plan to advance the Site to an approved closure and requesting the following variances:

- Limit the depth of the excavation to the caliche layer underlying the Site, as opposed to four (4) feet bgs.
- Install a 20-mil plastic liner on the surface of the caliche.
- Collect grab samples at a rate of one (1) sample per 1,000 square feet from the bottom of the excavation.
- Collect grab samples at a rate of one (1) sample per 50 linear feet from the excavation sidewalls.
- Analyze all samples for chloride by Environmental Protection Agency (EPA) Method 300.0 or SM4500 CL B.

The workplan and variance requests were subsequently approved by the NMOCD, with the conditions that grab samples be collected at a rate of one (1) sample per 500 square feet from the bottom of the excavation and at least one (1) sample be collected from the point of release and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX); Gas Range Organics + Diesel Range Organics (GRO+DRO); and total petroleum hydrocarbons (TPH). In the event that BTEX, GRO+DRO, and/or TPH was detected, each subsequent confirmation sample was to be analyzed for all Table 1 constituents, pursuant to Section 19.15.29.12 of the New Mexico Administrative Code (NMAC).

Please reference the 2019 *Spill Workplan* for additional details regarding the initial site assessment, proposed remediation activities, and variance requests.

4.0 CLOSURE CRITERIA FOR SOILS IMPACTED BY A RELEASE

Pursuant to the 2019 *Spill Workplan* and Section 19.15.29.13.D.(1) NMAC, the NMOCD Closure Criteria and Reclamation Standards for the Site are as follows:

Probable Depth to Groundwater	Constituent	Method	Closure Criteria*†	Reclamation Standard*‡
	Chloride	EPA 300.0 or SM4500 Cl B	10,000	600
	TPH (GRO + DRO + MRO)	EPA SW-846 Method 8015M Ext	2,500	100
68'	GRO + DRO	EPA SW-846 Method 8015M	1,000	N/A
	Benzene	EPA SW-846 Methods 8021b or 8260b	10	10
	BTEX	EPA SW-846 Methods 8021b or 8260b	50	50

* Measured in milligrams per kilogram (mg/kg)

† Table I, Section 19.15.29.12 NMAC

‡ The NMOCD Reclamation Standard applies only to the top 2' of soil in non-production areas, pursuant to the NMOCD-approved Spill Workplan.

5.0 **REMEDIATION ACTIVITIES SUMMARY**

In January 2020, Fasken retained Etech to assume remediation activities at the Site.

On October 6, 2020, upon receiving NMOCD approval and permission from the landowner, remediation activities commenced at the Site. In accordance with the NMOCD-approved workplan, impacted soil was excavated vertically to the underying caliche layer. The sidewalls of the excavation were advanced until field observations and/or test results suggested BTEX, TPH, and chloride concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard, or to the extent practicable. Excavated soil was stockpiled on-site, pending transfer to an NMOCD-permitted surface waste facility for disposal.

On October 20, 2020, Etech collected four (4) composite confirmation soil samples (NW 1, NW 3, NW 4, and EW1) from the sidewalls of the 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 October 21, 2020, Etech collected six (6) delineation soil samples (SWG1 @ 6", SWG2 @ 6", SWG3 @ 6", SWG4 @ 6", SWG5 @ 6", and SWG6 @ 6") outside the inferred margins of the release, along the buried pipeline running northwest-tosoutheast, parallel and adjacent to the 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 October 23, 2020, Etech collected nine (9) composite confirmation soil samples (NW2, NW2-E, NW2-W, NW5, SW1 through SW5) from the sidewalls of the excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below the applicable NMOCD

Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples. Chloride concentrations ranged from 176 mg/kg in soil sample NW2 to 1,860 mg/kg in soil sample NW5. Based on laboratory analytical results, the excavation was advanced in the areas characterized by soil samples NW2, NW2-E, NW2-W, and NW5. Additional excavation in the areas characterized by soil samples SW1 through SW5 was precluded by the presence of a shallow, high-pressure, fiberglass pipeline adjacent to the excavation.

On November 2, 2020, Etech collected four (4) composite confirmation soil samples (NW-2Eb, NW2-Wc, NW-5c, and NW-5d) from the sidewalls of the excavation. The soil samples were submitted to the laboratory for analysis of chloride. Based on field test results, the excavation was advanced in the areas characterized by soil samples NW-2Eb and NW-5c. Laboratory analytical results indicated in-situ chloride concentrations in the areas characterized by soil samples NW-2Wc and NW-5d were below the NMOCD Closure Criteria and NMOCD Reclamation Standard.

On November 3, 2020, Etech collected 60 composite confirmation soil samples (W-1, W-2, FS1 through FS27, FS28x, FS29, FS30, FS31x, FS32, FS33, FS34x, and FS35 through FS58) from the sidewalls and floor of the excavation. The soil samples were submitted to the laboratory for analysis of BTEX, TPH, and/or chloride. Laboratory analytical results indicated BTEX and TPH concentrations were below the applicable NMOCD Closure Criteria and/or NMOCD Reclamation Standard in each of the submitted soil samples. Chloride concentrations ranged from 8.53 mg/kg in soil sample W-2 to 9,860 mg/kg in soil sample FS3. Additional excavation in the areas characterized by floor samples FS1 through FS11, FS13 through FS27, FS28x, FS29, FS30, FS31x, FS32, FS33, FS34x, and FS35 through FS58 was precluded by the caliche layer underlying the Site.

On February 9, 2021, pursuant to the approved 2019 work plan, a 20-mil plastic liner was installed on the floor of the excavated area. A layer of crushed, compacted caliche fines was installed on the floor of the excavation prior to installation of the liner, and an approximate 6-inch layer of pad material was installed above the liner in an effort to maintain its integrity during backfilling activities. This engineering control is designed to inhibit the vertical migration of contaminants left in-situ.

The final dimensions of the excavated area were 317 feet in length, 24 to 130 feet in width, and two (2) feet in depth. During the course of remediation activities, approximately 2,680 cubic yards of impacted soil were transported to an NMOCD-permitted surface waste facility for disposal.

A "Site & Sample Location Map" is provided as Figure 3. A soil chemistry table is provided as Table 1. Laboratory analytical reports are provided in Appendix B. General photographs of the Site are provided in Appendix C.

6.0 **RESTORATION, RECLAMATION & RE-VEGETATION PLAN**

Upon receiving laboratory analytical results from confirmation soil samples, excavated areas were backfilled with locally sourced, non-impacted, "like" material placed at or near original relative positions. The affected area was compacted and contoured to achieve erosion control, stability, and preservation of surface water flow, to the extent practicable. Affected areas not on production pads and/or lease roads will be reseeded with an agency and/or landowner-approved seed mixture free of noxious weeds during the first favorable growing season following closure of the Site.

7.0 SOIL CLOSURE REQUEST

Remediation activities were conducted in accordance with the NMOCD-approved 2019 *Spill Workplan*. Laboratory analytical results from confirmation soil samples indicated concentrations of BTEX, TPH, and chloride were below the NMOCD Closure Criteria in each of the submitted soil samples.

Impacted soil affected above the NMOCD Reclamation Standard was excavated to the maximum extent practicable. In accordance with the NMOCD-approved workplan, a 20-mil polyurethane liner was installed on the floor of the excavation atop impacted soil exhibiting chloride concentrations above the NMOCD Reclamation Standard. This engineering control is designed to inhibit the vertical migration of contaminants left in-situ.

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

8.0 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 Fasken Oil and Ranch, Ltd. Use of the information contained in this report is prohibited without the consent of Etech and/or Fasken Oil and Ranch, Ltd.

9.0 **DISTRIBUTION**

Fasken Oil and Ranch, Ltd.

6101 Holiday Hill Rd Midland, TX 79707

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

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Figure 2 Aerial Proximity Map

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Figure 3 Site & Sample Location Map



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Table 1Concentrations of BTEX, TPH & Chloride in Soil

					Tabl	le 1					
			Conce	entrations	of BTEX,	TPH & C	Chloride in	Soil			
				Fask	ken Oil and	l Ranch, l	Ltd.				
					Denton T	runkline					
				NMOC	D Ref. #: 1	nCH1834(663774				
NMO	CD Closure C	riteria		10	50	-	-	1,000	-	2,500	10,000
NMOCE	Reclamation	Standard	l	10	50	-	-	-	-	100	600
				SW 84	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth	Soil Status	Benzene (mg/kg)	BTEX	GRO C6-C10	DRO C ₁₀ -C ₂₈	GRO + DRO	ORO C ₂₈ -C ₃₆	ТРН С ₆ -С ₃₆	Chloride
				(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
NW1	10/20/2020	0'-2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	576
NW2	10/23/2020	0'-2'	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NW2-E	10/23/2020	0'-2'	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,140
NW-2Eb	11/3/2020	0'-2'	Excavated	-	-	-	-	-	-	-	688
NW2-W	10/23/2020	0'-2'	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,440
NW2-Wc	11/3/2020	0'-2'	In-Situ	-	-	-	-	-	-	-	160
NW3	10/20/2020	0'-2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	176
NW4	10/20/2020	0'-2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	160
NW5	10/23/2020	0'-2'	Excavated	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,860
NW-5c	11/3/2020	0'-2'	Excavated	-	-	-	-	-	-	-	608
NW-5d	11/2/2020	0'-2'	In-Situ	-	-	-	-	-	-	-	112
EW1	10/20/2020	N/A	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	368
SWG1 @ 6"	10/21/2020	6"	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SWG2 @ 6"	10/21/2020	6"	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SWG3 @ 6"	10/21/2020	6"	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	<16.0
SWG4 @ 6"	10/21/2020	6"	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	64.0
SWG5 @ 6"	10/21/2020	6"	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	144
SWG6 @ 6"	10/21/2020	6"	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	384
SW1	10/23/2020	0'-2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,630
SW2	10/23/2020	0'-2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,420
SW3	10/23/2020	0'-2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,070
SW4	10/23/2020	0'-2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,230
SW5	10/23/2020	0'-2'	In-Situ	< 0.050	< 0.300	<10.0	<10.0	<20.0	<10.0	<30.0	1,140
W-1	11/3/2020	6"	In-Situ	< 0.00201	< 0.00201	<49.8	<49.8	<49.8	<49.8	<49.8	9.06
W-2	11/3/2020	6"	In-Situ	< 0.00198	< 0.00198	<49.9	<49.9	<49.9	<49.9	<49.9	8.53
FS1	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	4,420
FS2	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	3,700
FS3	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	9,860
FS4	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	3,670
FS5	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,260
FS6	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	3,410
FS7	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	3,580
FS8	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	4,550
FS9	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	947
FS10	11/3/2020	2'	In-Situ	_	-	-	_	-	_	_	928
FS11	11/3/2020	2'	In-Situ	_	-	-	-	-	-	-	3,520
FS12	11/3/2020	2'	In-Situ	_	-	_	_	-	_	_	209
FS13	11/3/2020	2'	In-Situ	-	-	_	-	-	-	-	2,370
FS14	11/3/2020	2'	In-Situ	_	-	-	-	-	-	-	2,040
FS15	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,110

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					Tabl	le 1					
			Conce	entrations	of BTEX,	TPH & C	Chloride in	Soil			
				Fask	ken Oil and	l Ranch, l	L td.				
					Denton T	runkline					
				NMOC	D Ref. #: 1	nCH1834(663774				
NMC	OCD Closure C	Criteria		10	50	-	-	1,000	-	2,500	10,000
NMOCI	D Reclamation	Standard		10	50	-	-	-	-	100	600
				SW 84	6 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth	Soil Status	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)
FS16	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	3,770
FS17	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	6,400
FS18	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	3,630
FS19	11/3/2020	2'	In-Situ	-	-	I	-	-	-	-	2,520
FS20	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	4,550
FS21	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,880
FS22	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	3,500
FS23	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,610
FS24	11/3/2020	2'	In-Situ	-	-	I	-	-	-	-	2,600
FS25	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,740
FS26	11/3/2020	2'	In-Situ	-	-	I	-	-	-	-	2,330
FS27	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,400
FS28x	11/3/2020	2'	In-Situ	< 0.00202	< 0.00202	<50.0	<50.0	<50.0	<50.0	<50.0	5,150
FS29	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	4,570
FS30	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	1,430
FS31x	11/3/2020	2'	In-Situ	< 0.00200	< 0.00200	<50.0	198	198	89.4	287	2,160
FS32	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,950
FS33	11/3/2020	2'	In-Situ	-	-	I	-	-	-	-	902
FS34x	11/3/2020	2'	In-Situ	< 0.00199	< 0.00199	<49.9	<49.9	<49.9	<49.9	<49.9	3,010
FS35	11/3/2020	2'	In-Situ	-	-	I	-	-	-	-	2,640
FS36	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	3,440
FS37	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	5,380
FS38	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	4,400
FS39	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	7,190
FS40	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	5,140
FS41	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	1,740
FS42	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	1,050
FS43	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	4,870
FS44	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,060
FS45	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	4,310
FS46	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	3,800
FS47	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,730
FS48	11/3/2020	2'	In-Situ	_	-	-	-	-	-	-	5,030
FS49	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	5,510
FS50	11/3/2020	2'	In-Situ	-	-	_	-	_	_	_	3,950
FS51	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	3,490
FS52	11/3/2020	2'	In-Situ	_	-	_	_	_	_	_	3,560
FS53	11/3/2020	2'	In-Situ	-	-	_	-	-	-	-	4,530
FS54	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,470
FS55	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,580

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			Conce	ntrations	Tabl of BTFX	le 1 трн & С	`hloride in	Soil			
			Conce	Fask	en Oil and	d Ranch. I	Ltd.	Son			
					Denton T	runkline					
				NMOC	D Ref. #: 1	nCH18346	663774				
NMO	CD Closure C	riteria		10	50	-	-	1,000	-	2,500	10,000
NMOCD	Reclamation	Standard		10	50	-	-	-	-	100	600
				SW 840	5 8021B		SW	846 8015M	Ext.		4500 Cl
Sample ID	Date	Depth	Soil Status	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)
FS56	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,700
FS57	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	3,220
FS58	11/3/2020	2'	In-Situ	-	-	-	-	-	-	-	2,110

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Appendix A Depth to Groundwater Information

Received by OCD: 4/29/2021 7:44:55 AM

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Released to Imaging: 7/29/2021 1:39:45 PM



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

(A CLW##### in the (R=POD has POD suffix indicates the been replaced, POD has been replaced O=orphaned, & no longer serves a (quarters are 1=NW 2=NE 3=SW 4=SE) C=the file is water right file.) (quarters are smallest to largest) (NAD83 UTM in meters) (In feet) closed) POD Sub-QQQ Water **POD** Number Y DistanceDepthWellDepthWater Column Code basin County 64 16 4 Sec Tws Rng Х L 01320 L LE 3 4 11 15S 37E 671026 3655710* 199 120 32 88 L 14152 POD20 LE 4 37E 671250 89 65 L 3 4 11 15S 3655547 346 24 L L 14152 POD23 LE 2 1 2 14 15S 37E 671166 3655528 🌑 347 89 65 24 37E 3655522 🦲 L 14152 POD17 L LE 2 1 2 14 15S 671132 352 89 65 24 2 14 L 14152 POD24 37E L LE 2 1 15S 671225 3655508 377 89 65 24 L 14152 POD21 L LE 2 2 14 15S 37E 671288 3655501 402 89 65 24 1 L 14152 POD18 LE 2 1 2 14 37E 671140 408 24 L 15S 3655466 89 65 L 14152 POD22 L LE 3 4 11 15S 37E 671227 3655455 429 89 65 24 4 L 14152 POD16 L LE 2 2 14 15S 37E 671273 3655439 456 90 65 25 L 07665 37E 3655614* 🍋 40 L LE 4 4 4 11 15S 671529 470 126 86 L 14152 POD19 LE 2 15S 37E 671188 3655404 473 90 65 25 L 2 1 14 L 01080 L LE 2 2 14 15S 37E 671336 3655412* 503 120 32 88 L 01110 POD1 37E L LE 1 2 14 15S 670932 3655407* 🦲 511 115 1 L 02302 LE 2 2 4 11 15S 37E 671521 80 45 35 L 3656216* 512 L 01117 POD1 L LE 3 4 2 11 15S 37E 671314 3656419* 571 120 50 70 L 01283 L LE 3 2 11 15S 37E 671012 3656515* 🦲 652 120 40 80 L 07610 3 2 11 15S 37E 100 L LE 671012 3656515* 652 L 01321 L LE 4 2 11 15S 37E 671415 3656520* 701 120 32 88 L 01323 L LE 4 2 11 15S 37E 671415 3656520* 701 120 32 88 L 01568 POD1 37E 731 82 L LE 1 3 12 15S 671826 3656122* 120 38 51 feet Average Depth to Water: Minimum Depth: 32 feet Maximum Depth: 65 feet Record Count: 20

UTMNAD83 Radius Search (in meters):

Easting (X): 671137.91

671137.91 Northing (Y): 3655875.21

Radius: 804.67

*UTM location was derived from PLSS - see Help

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WATER COLUMN/ AVERAGE DEPTH TO WATER



			(quarters	are 1=N	JW 2=] allest t	NE 3=S	W 4=SE)	(NAD83 U	ΓM in meters)	
Well Tag	POD	Number	Q64 Q1	6 Q4	Sec	Tws	Rng	X	Y	
	L 0	1320	3	4	11	15S	37E	671026	3655710* 🌍	
x Driller Licer	nse:	35	Driller C	ompa	ny:	AQ	UA DR	ILLING CO		
Driller Nam	e:	TATUM, ROY L.								
Drill Start D	Date:	12/31/1951	Drill Fini	sh Da	nte:	0	1/02/19:	52 Plu	ıg Date:	
Log File Dat	te:	01/28/1952	PCW Rc	v Dat	e:			So	urce:	Shallow
Pump Type:	:		Pipe Disc	harg	e Size	:		Est	timated Yield:	
Casing Size:	:	7.00	Depth W	ell:		1	20 feet	De	pth Water:	32 feet
x	Wate	er Bearing Stratifica	tions:	Т	op B	ottom	Desci	ription		
					32	33	8 Sands	stone/Gravel	/Conglomerate	
					65	67	Sands	stone/Gravel	/Conglomerate	
					88	90) Sands	stone/Gravel	/Conglomerate	
				1	10	120) Sands	stone/Gravel	/Conglomerate	

*UTM location was derived from PLSS - see Help

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			(quart	ers are 1	=NW	2=NE 3=S	W 4=SE)			
			(qua	rters are	smalle	est to larges	t)	(NAD83 UTM	<i>I</i> in meters)	
Well Tag	POD	Number	Q64	Q16 Q	04 S	ec Tws	Rng	Х	Y	
NA	L 14	4152 POD20	3	4	4]	11 158	37E	671250	3655547 🌍	
Driller Licen	nse:	1456	Drille	r Comj	pany	WI	HITE DI	RILLING CO	MPANY	
Driller Name	e:	JOHN WHITE								
Drill Start D	ate:	02/20/2020	Drill I	inish l	Date	: 0	2/26/20	20 Plug	Date:	
Log File Dat	e:	03/17/2020	PCW	Rcv Da	ate:			Sour	rce:	Shallow
Pump Type:			Pipe I	Dischar	ge S	ize:		Esti	mated Yield:	0 GPM
Casing Size:		2.00	Depth	Well:		8	9 feet	Dep	th Water:	65 feet
	Wate	r Bearing Stratific	cations:		Тор	Bottom	Desc	ription		
					31	89	Sands	stone/Gravel/C	Conglomerate	
I.		Casing Perfo	orations:		Тор	Bottom	l			
					58	88	;			
-										

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			(quarte	ers are 1=1	VW 2=	NE $3=S$	W 4=SE)			
			(quar	ters are sn	nallest	o larges	t)	(NAD83 UT	M in meters)	
Well Tag	POD	Number	Q64	Q16 Q4	Sec	Tws	Rng	Χ	Y	
NA	L 14	4152 POD23	2	1 2	14	15S	37E	671166	3655528 🥌	
Driller Lic	ense:	1456	Driller	Compa	ny:	WI	HITE DR	ILLING CO	MPANY	
Driller Na	me:	JOHN WHITE								
Drill Start	Date:	02/20/2020	Drill F	inish D	ate:	0	2/26/202	0 Plu	g Date:	
Log File D	ate:	03/17/2020	PCW]	Rcv Dat	e:			Sou	irce:	Shallow
Ритр Тур	e:		Pipe D	ischarg	e Size	:		Est	imated Yield:	0 GPM
Casing Siz	æ:	2.00	Depth	Well:		8	9 feet	Der	oth Water:	65 feet
¢	Wate	r Bearing Stratifi	cations:	Т	op E	Bottom	Descri	ption		
					34	89	Sandst	one/Gravel/	Conglomerate	
ζ.		Casing Perfe	orations:	Т	op E	Bottom	1			
					7 0	0.0				

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			(quarte	ers are 1=N	W 2=1	NE 3=5	w 4=SE)	ALL DO2 LIT	M	
	DOD		(quar	ters are sm	allest	o larges	t) D	(NAD83 UI	M in meters)	
Well Tag	POD	Number	Q64	Q16 Q4	Sec	Tws	Rng	Х	Y	
NA	L 14	4152 POD17	2	1 2	14	15S	37E	671132	3655522 🧲	
Driller Lie	cense:	1456	Driller	Compa	ny:	WF	HITE DR	LILLING CC	MPANY	
Driller Na	me:	JOHN WHITE								
Drill Start	t Date:	02/24/2020	Drill F	inish Da	te:	0	2/26/202	eo Plu	g Date:	
Log File D	Date:	03/17/2020	PCW	Rcv Dat	e:			Sou	irce:	Shallow
Ритр Тур	e:		Pipe D	ischarge	e Size	:		Est	imated Yield	:
Casing Siz	ze:	2.00	Depth	Well:		8	9 feet	Dej	oth Water:	65 feet
X	Wate	r Bearing Stratifi	cations:	Т	op E	ottom	Descr	iption		
					34	89	Sands	tone/Gravel/	Conglomerate	e
X		Casing Perfe	orations:	Т	op E	Bottom	1			

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		(quarter	s are 1=N	W 2=1	NE $3=S^{1}$	N 4=SE)			
		(quarte	rs are sm	allest t	o larges	t)	(NAD83 UT	M in meters)	
Well Tag P	OD Number	Q64 Q	216 Q4	Sec	Tws	Rng	Х	Y	
NA L	14152 POD24	2	1 2	14	15S	37E	671225	3655508 🌍	
Driller Licens	e: 1456	Driller (Compa	ny:	WH	IITE DR	RILLING CO	MPANY	
Driller Name:	JOHN WHITE								
Drill Start Dat	te: 02/25/2020	Drill Fi	nish Da	te:	02	2/25/202	20 Plu	g Date:	
Log File Date:	PCW R	cv Date	:		Sou	rce:	Shallow		
Pump Type:		Pipe Dis	scharge	Size	:	Est	Estimated Yield:		
Casing Size:	2.00	Depth V	Vell:		89	feet	Dep	oth Water:	65 feet
x	ater Bearing Stratifi	cations:	То	p B	ottom	Descr	iption		
			3	4	89	Sands	tone/Gravel/	Conglomerate	
х	Casing Perfe	orations:	То	рB	ottom				
					~ ~ ~				

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		(quarte	ers are 1=N	W 2=1	NE $3=SV$	W 4=SE)			
		(quar	ters are sm	allest t	o largest	t)	(NAD83 UT	M in meters)	
Well Tag PO	D Number	Q64	Q16 Q4	Sec	Tws	Rng	Х	Y	
NA L	14152 POD21	1	2 2	14	15S	37E	671288	3655501 🤤)
Driller License:	1456	Driller	Compa	ny:	WH	IITE DR	RILLING CO	MPANY	
Driller Name:	JOHN WHITE								
Drill Start Date	: 02/20/2020	Drill F	inish Da	te:	02	20 Plu	Plug Date:		
Log File Date:	03/17/2020	PCW I	Rev Date	:			Sou	rce:	Shallow
Pump Type:		Pipe D	ischarge	Size	:	Est	Estimated Yield:		
Casing Size:	2.00	Depth	Well:		89	9 feet	Dep	Depth Water:	
Wa	ter Bearing Stratific	cations:	То	p E	Bottom	Descr	ription		
			2	27	89	Sands	stone/Gravel/	Conglomerate	
X	Casing Perfo	orations:	Тс	p E	Bottom				

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		(quarter	s are 1=N	W 2=1	NE $3=S'$	W 4=SE)			
		(quarte	rs are sm	allest t	o larges	t)	(NAD83 UT	M in meters)	
Well Tag P	OD Number	Q64 Q	216 Q4	Sec	Tws	Rng	Х	Y	
NA L	14152 POD18	2	1 2	14	15S	37E	671140	3655466 🌍	
Driller License	e: 1456	Driller (Compa	ny:	WH	IITE DR	LILLING CO	MPANY	
Driller Name:	JOHN WHITE								
Drill Start Dat	te: 02/21/2020	Drill Fi	nish Da	te:	02	2/26/202	0 Plu	g Date:	
Log File Date:	PCW R	cv Date	:		Sou	rce:	Shallow		
Pump Type:		Pipe Dis	scharge	Size	:	Est	imated Yield:	0 GPM	
Casing Size:	2.00	Depth V	Vell:		8	9 feet	Der	Depth Water:	
x	ater Bearing Stratific	cations:	To	рB	ottom	Descr	iption		
			3	6	89	Sands	tone/Gravel/	Conglomerate	
х	Casing Perfo	orations:	To	рB	ottom				

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4/6/21 1:00 PM



		(quarte	ers are I=N	W 2=1	NE $3=S^{*}$	w 4=se)			
		(quar	ters are sm	allest t	o larges	t)	(NAD83 UT	M in meters)	
Well Tag PO	D Number	Q64	Q16 Q4	Sec	Tws	Rng	Х	Y	
NA L	14152 POD22	4	3 4	11	15S	37E	671227	3655455 🌍	
Driller License:	1456	Driller	Compa	ny:	WH	HITE DR	LILLING CC	MPANY	
Driller Name:	JOHN WHITE								
Drill Start Date	: 02/24/2020	Drill F	inish Da	te:	02	2/26/202	eo Plu	g Date:	
Log File Date:	03/17/2020	PCW I	Rev Date	e:			Sou	irce:	Shallow
Pump Type:		Pipe D	ischarge	Size	:	Est	imated Yield:	0 GPM	
Casing Size:	2.00	Depth	Well:		8	9 feet	Dej	oth Water:	65 feet
x Wa	ter Bearing Stratifi	cations:	To	p B	Bottom	Descr	iption		
			3	34	89	Sands	tone/Gravel/	Conglomerate	
х	Casing Perfo	orations:	To	p B	Bottom	l			

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4/6/21 1:01 PM



			(quarters are 1=NW 2=NE 3=SW 4=SE)									
			(qua	rters are sm	allest	to larges	t)	(NAD83 UT	M in meters)			
Well Tag	POD	Number	Q64	Q16 Q4	Sec	Tws	Rng	Х	Y			
NA	L 14	4152 POD16	1	2 2	14	15S	37E	671273	3655439 🧲			
Driller Lic	ense:	1456	Drille	· Compa	ny:	WI	HITE DR	ILLING CO	MPANY			
Driller Na	me:	JOHN WHITE										
Drill Start	Date:	02/20/2020	Drill F	ิinish Da	te:	0	2/26/202	0 Plu	g Date:			
Log File Date: 03/17/2020			PCW	Rcv Dat	e:			Sou	rce:	Shallow		
Ритр Тур	e:		Pipe D	oischarg	e Size	:		Esti	:			
Casing Siz	e:	2.00	Depth	Well:		9	0 feet	Dep	oth Water:	65 feet		
2	Wate	er Bearing Stratific	cations:	T	op E	Bottom	Descri	ption				
					34	90	Sandst	one/Gravel/	ne/Gravel/Conglomerate			
<u>C</u>		Casing Perfo	orations: Top			Bottom	l					
					63	88	:					

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4/6/21 1:01 PM



	(quarters are 1=NW 2=N (quarters are smallest to	NE 3=SW 4=SE)	(NAD83 UTM in meters)	
Vell Tag POD Number	064 016 04 Sec	Tws Rng	X Y	
L 07665	4 4 4 11	15S 37E	671529 3655614*	
Driller License: 46	Driller Company:	ABBOTT BI	ROTHERS COMPANY	
Driller Name: MURRELL ABBOT	T			
Drill Start Date: 03/28/1977	Drill Finish Date:	03/29/1977	Plug Date:	
Log File Date: 04/01/1977	PCW Rcv Date:		Source:	Shallow
Ритр Туре:	Pipe Discharge Size	:	Estimated Yield:	
Casing Size:	Depth Well:	126 feet	Depth Water:	40 feet
Water Bearing Stratificat	tions: Top B	ottom Descri	ption	
	40	126 Other/U	Jnknown	

*UTM location was derived from PLSS - see Help

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4/6/21 1:01 PM



		(quarters	are 1=N	W 2=1	NE $3=S^{1}$	W 4=SE)			
		(quarter	s are sm	allest t	o larges	(NAD83 UT	M in meters)		
Well Tag 🛛 I	POD Number	Q64 Q	16 Q4	Sec	Tws	Rng	Х	Y	
NA I	L 14152 POD19	2	1 2	14	15S	37E	671188	3655404 🌍	
Driller Licen	se: 1456	Driller (Compa	ny:	WH	IITE DR	AILLING CO	MPANY	
Driller Name	e: JOHN WHITE								
Drill Start Da	ate: 02/19/2020	Drill Fin	ish Da	te:	02	20 Plu	Plug Date:		
Log File Date	e: 03/17/2020	PCW Ro	ev Date	:		Sou	rce:	Shallow	
Pump Type:		Pipe Dis	charge	Size	:	Est	Estimated Yield:		
Casing Size:	2.00	Depth W	ell:		90) feet	Dep	Depth Water:	
x	Water Bearing Strati	fications:	То	p B	ottom	Descr	iption		
			3	32	90	Sands	tone/Gravel/	Conglomerate	
x	Casing Per	forations:	Та	p B	ottom				

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4/6/21 1:03 PM



			(quart	ers are	1=NV	V 2=1	NE $3=S'$	W 4=SE)			
			(qua	rters ar	e sma	llest t	o larges	t)	(NAD83	UTM in meters)	
Well Tag	POD	Number	Q64	Q16	Q4	Sec	Tws	Rng	Х	Y	
_	L 0	1080	1	2	2	14	15S	37E	671336	3655412*	
x Driller Lic	ense:	9	Drille	· Con	npan	y:	BIS	SHOP D	RILLING	COMPANY	
Driller Na	me:										
Drill Start	Date:	03/02/1951	Drill F	inish	Dat	e:	0.	3/03/19	52 P	lug Date:	12/23/1952
Log File D	ate:	04/14/1952	PCW	Rcv I	Date		0-	4/07/19	52 S	ource:	Shallow
Pump Typ	e:		Pipe D	lischa	arge	Size	:		E	stimated Yie	ld:
Casing Siz	æ:		Depth	Well	:		12	20 feet	D	epth Water:	32 feet
X	Wate	er Bearing Stratifi	cations:		Тој) B	ottom	Desc	ription		
					32	2	33	Shale	/Mudstone	Siltstone	
					6	5	67	Sand	stone/Grave	el/Conglomera	ate
					8	3	91	Sand	stone/Grave	el/Conglomera	ate
					10	5	120	Sanda	stone/Grave	el/Conglomera	ate

*UTM location was derived from PLSS - see Help

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4/6/21 1:03 PM



		(quarters are 1=NW 2=NE			
		(quarters are smallest to l	argest)	(NAD83 UTM in meters)	
Well Tag	POD Number	Q64 Q16 Q4 Sec 7	Fws Rng	X Y	
	L 01110 POD1	1 1 2 14	15S 37E	670932 3655407* 🥥	
x Driller Lice	ense:	Driller Company:			
Driller Nar	ne: J H FLIPPE				
Drill Start	Date: 10/14/1949	Drill Finish Date:	10/14/1949	Plug Date:	
Log File Da	ate: 05/02/1952	PCW Rcv Date:	05/02/1952	Source:	Shallow
Pump Type	e:	Pipe Discharge Size:		Estimated Yield:	
Casing Size	e: 6.00	Depth Well:	115 feet	Depth Water:	

*UTM location was derived from PLSS - see Help

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4/6/21 1:03 PM



			(quar	ters are	21=N	W 2=1	NE $3=S'$	W 4=SE)			
			(qua	rters ar	e sma	llest t	o larges	t)	(NAD83 U	TM in meters)	
Well Tag	POD	POD Number		Q64 Q16 Q4 Se				ec Tws Rng		Y	
	L 02	2302	2	2	4	11	15S	37E	671521	3656216* 🧲	
x Driller Lic	ense:	102	Drille	r Cor	npar	ny:	DU	NN'S V	VATER WEI	LL SERVICE	
Driller Nai	me:	DUNN, CHARL	ES W.								
Drill Start	Drill Start Date: 08/06/1953				n Dat	te:	0	8/07/19	53 Pl	ug Date:	05/16/1958
Log File Da	ate:	08/13/1953	PCW	Rev 1	Date	:			So	urce:	Shallow
Pump Type	e:		Pipe l	Discha	arge	Size	:		Es	timated Yield	:
Casing Size	e:		Deptł	Well	l:		8	0 feet	De	pth Water:	45 feet
x	Wate	er Bearing Stratif	ications:		То	рB	ottom	Desci	ription		
					5	0	80	Sands	stone/Gravel	/Conglomerat	e
x											

*UTM location was derived from PLSS - see Help

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4/6/21 1:03 PM


			(quart	ers are	: 1=N	W 2=1	NE $3=S^{*}$	W 4=SE)			
			(quai	ters ar	e sma	allest t	o larges	t)	(NAD83 U	TM in meters)	
Well Tag	POD	Number	Q64	Q16	Q4	Sec	Tws	Rng	Χ	Y	
	L 01117 POD1		3	4	2	11	15S	37E	671314	3656419*	9
^x Driller Lic	ense:	Driller	Driller Company: ABBOTT BROTHERS COMPANY								
Driller Na	me:	ABBOTT BROT	HERS								
Drill Start	Date:	05/10/1951	Drill F	inisł	n Da	te:	0:	5/11/195	51 Pl	ug Date:	10/15/1951
Log File D	Log File Date: 12/05/1952			Rcv 1	Date	:	0:	5/16/195	52 So	urce:	Shallow
Pump Typ	e:		Pipe D	ischa	arge	Size	:		Es	timated Yiel	d:
Casing Siz	æ:		Depth	Well	l:		12	20 feet	De	pth Water:	50 feet
х	ications:		To	рB	ottom	Descr	ription				
					5	0	120	Sands	stone/Gravel	/Conglomera	te
х	orations:		То	рB	ottom	l					
						2	120)			
v											

*UTM location was derived from PLSS - see Help

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4/6/21 1:06 PM



		(quarters are (quarters are	1=NW e smal	/ 2=] lest t	NE 3=S	W 4=SE) t)	(NAD83 U		
Well Tag POI) Number	Q64 Q16	Q4 \$	Sec	c Tws Rng		X	Y	
L 0	1283	3	2	11	15S	37E	671012	3656515* 🧲	
x Driller License:	33	Driller Con	npan	y:	TA	TUM CL	AUDE E.		
Driller Name:	CLAUDE TATUM								
Drill Start Date:	Drill Finish	e:	1	0/23/195	1 Pl	1 Plug Date:			
Log File Date:	02/18/1952	PCW Rev I		02/02/1953		Source:		Shallow	
Pump Type:		Pipe Discha	Size	:		Es	timated Yield	:	
Casing Size:	Depth Well	:		1	20 feet	De	epth Water:	40 feet	
x Wat	er Bearing Stratifica	tions:	Тор) B	ottom	Descr	iption		
)	120 Sandston		tone/Gravel	/Conglomerate	e	
<i>i</i>									

*UTM location was derived from PLSS - see Help

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(quarters are smallest to largest) (NAD83 UTM in meters) Well Tag POD Number O64 O16 O4 Sec Two Rng X V	
Well Tag POD Number O64 016 04 Sec. Two Rng V V	
Wen hag i OD Number Q04 Q10 Q4 See 1143 King A I	
L 07610 3 2 11 158 37E 671012 3656515* 🥥	
x Driller License: 421 Driller Company: GLENN'S WATER WELL SERVICE	
Driller Name: GLENN, CLARK A."CORKY" (LD)	
Drill Start Date: 02/12/1977 Drill Finish Date: 02/12/1977 Plug Date:	
Log File Date:10/17/1977PCW Rcv Date:Source:Shallow	
Pump Type:Pipe Discharge Size:Estimated Yield:	
Casing Size:Depth Well:100 feetDepth Water:	

*UTM location was derived from PLSS - see Help

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			(quarters are 1=NW 2=NE 3=SW 4=SE)										
			(quai	ters ar	re sm	allest t	to larges	t)		(NAD83 U	TM in meters)		
Well Tag	POD) Number	Q64	Q16	Q4	Sec	Tws	Rı	ng	Х	Y		
		4	2	11	15S	37	Έ	671415	3656520* 🌍				
x Driller Lice	Drille	· Cor	npa	ny:	AQ	UA	A DRIL	LING CC).				
Driller Nan	ne:	TATUM, ROY L.											
Drill Start	Drill Finish Date: 12/21/1951						1/1951	Pl	ug Date:	06/25/1952			
Log File Da	PCW Rcv Date:							So	urce:	Shallow			
Pump Type	e:		Pipe Discharge Size:							Es	timated Yield:		
Casing Size	Depth	Well	l:		1	20 :	feet	De	pth Water:	32 feet			
x	tions:		То	p E	Bottom	n I	Descrip	tion					
	32			32	33	Sandstone/Gravel/Conglomerate							
	65			55	67	7 5	Sandstone/Gravel/Conglomerate						
	88			38	90) 5	Sandstone/Gravel/Conglomerate						
	110				120) 5	Sandstone/Gravel/Conglomerate						

*UTM location was derived from PLSS - see Help

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4/6/21 1:07 PM



			(quarters	are 1=N	VW 2=	NE $3=S$	W 4=SE)			
			(quarters	s are sm	allest	to larges	t)	(NAD83 U	TM in meters)	
Well Tag	POD	Number	Q64 Q1	Q64 Q16 Q4 Sec		Tws	Rng	Х	Y	
	1323	2	11	15S	37E	671415	3656520* 🧉)		
Driller Lic	Driller Company: AQUA DRIL					ILLING CO).			
Driller Nar	ne:	TATUM, ROY L.								
Drill Start	Date:	11/28/1951	Drill Fin	ish Da	nte:	1	1/30/195	51 Pl	ug Date:	
Log File Date: 01/28/1952			PCW Rc	e:	0	2/20/195	57 So	urce:	Shallow	
Pump Type	e:		Pipe Discharge Size:					Es	timated Yield:	
Casing Size: 7.00			Depth W	ell:		1	20 feet	De	epth Water:	32 feet
X	itions:	Т	op I	Bottom	Descr	ription				
			32			33	8 Sands	Sandstone/Gravel/Conglomerate		
	65			67	7 Sandstone/Gravel/Conglomerat					
	88			90) Sandstone/Gravel/Conglomera					
		110) Sandstone/Gravel/Conglomerate				

*UTM location was derived from PLSS - see Help

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			(quarte	rs are 1=	NW 2=	NE 3=S	W 4=SE)				
			(quart	ers are sr	nallest	to larges	t)	(NAD83 U	TM in meters)		
Well Tag	POD	Number	Q64 (Q16 Q4	Sec	: Tws	Rng	Χ	Y		
L 01568 POD1				1 3	12	15S	37E	671826	3656122*	9	
x Driller Lic	ense:	79	Driller	Comp	any:	AL	DREDG	θE, D.O.			
Driller Nai	me:	ALDREDGE, C.O.									
Drill Start	Date:	09/08/1952	Drill Fi	nish D	ate:	0	9/10/195	52 P I	Plug Date:		
Log File Date: 08/20/1953			PCW F	Rev Dat	te:	0	8/20/195	53 So	urce:	Shallow	
Pump Type	e:		Pipe Discharge Size:					Es	timated Yiel	d:	
Casing Size	e:		Depth	Well:		1	20 feet	De	epth Water:	38 feet	
x	Wate	r Bearing Stratifica	tions:	T	`op]	Bottom	Descr	ription			
			38			60 Sandstone/Gravel/Conglomera			te		
	60			80	80 Sandstone/Gravel/Conglomera			te			
					80	112 Sandstone/Gravel/Conglom			/Conglomera	te	
		1	12	120	20 Sandstone/Gravel/Conglomerate			te			

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Agency code = usgs site no list =

• 330135103093001

Minimum number of levels = 1

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USGS 330135103093001 15S.37E.12.313221

Lea County, New Mexico Latitude 33°01'48", Longitude 103°09'38" NAD27 Land-surface elevation 3,785.80 feet above NGVD29 The depth of the well is 120 feet below land surface. This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer. This well is completed in the Ogallala Formation (1210GLL) 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
			72019								
1961-03-01		D	72019	33.09			з	z Z	2		А
1966-02-18		D	72019	35.53			3	Z	2		A
1971-02-25		D	72019	37.68			3	z Z	2		A
1976-03-23		D	72019	39.77			1	. 2	7		A
1981-01-08		D	72019	43.20			1	. Z	2		A
1986-02-21		D	72019	49.00			1	. Z	7		A

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 Geographic Area:

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			72019								
1991-03-13		D	72019	50.43			1	Z			А
1996-01-10		D	72019	52.48			1	S			А

	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	Above										
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	А	Approved for publication Processing and review completed.										

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 Geographic Area:

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Search Results -- 1 sites found

Agency code = usgs site_no list = • 330147103093001

Minimum number of levels = 1

Save file of selected sites to local disk for future upload

USGS 330147103093001 15S.37E.12.311

Lea County, New Mexico Latitude 33°01'47", Longitude 103°09'36" NAD27 Land-surface elevation 3,786 feet above NGVD29 This well is completed in the High Plains aquifer (N100HGHPLN) national 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	
			72019									
1960-04-21		D	72019	34.72			1	. с	USGS	:	S	Α

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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	0	Observed.
Measuring agency	USGS	U.S. Geological Survey
Source of measurement	S	Measured by personnel of reporting agency.
Water-level approval status	А	Approved for publication Processing and review completed.

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Search Results -- 1 sites found

Agency code = usgs site no list =

• 330057103095601

Minimum number of levels = 1

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USGS 330057103095601 15S.37E.14.232342

Lea County, New Mexico Latitude 33°01'10", Longitude 103°10'02" NAD27 Land-surface elevation 3,784.60 feet above NGVD29 The depth of the well is 100 feet below land surface. This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer. This well is completed in the Ogallala Formation (1210GLL) local aquifer.

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

Output formats

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								
1961-03-01		D	72019	34.12			1	. Z			А
1966-02-18		D	72019	35.99			1	. Z			A
1971-02-25		D	72019	38.73			1	. Z			A
1976-03-23		D	72019	40.82			1	. Z			A
1981-01-08		D	72019	45.63			1	. Z			A
1986-02-04		D	72019	49.28			1	. Z			A

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 Data Category:
 Geographic Area:

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 V

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	Α	Approved for publication Processing and review completed.			

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USA Department of Line Internot 1053. Water Levels URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

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Geographic Area:

United States

Data Category:

Groundwater

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Search Results -- 1 sites found

Agency code = usgs site no list =

• 330117103103501

Minimum number of levels = 1

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USGS 330117103103501 15S.37E.11.333324

Lea County, New Mexico Latitude 33°01'31", Longitude 103°10'41" NAD27 Land-surface elevation 3,797.10 feet above NGVD29 The depth of the well is 80 feet below land surface. This well is completed in the High Plains aquifer (N100HGHPLN) national aquifer. This well is completed in the Ogallala Formation (1210GLL) 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
			72019								
1961-03-01		D	72019	37.51			3	Z	:		А
1966-02-18		D	72019	39.86			3	Z			А
1971-02-25		D	72019	43.10			3	Z			А
1976-03-23		D	72019	46.33			1	Z			А
1981-01-08		D	72019	50.95			1	Z			Α
1986-02-04		D	72019	49.80			1	Z			А
1991-03-13		D	72019	57.17			1	Z			Α

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	Above			
Method of measurement	Z	Other.			
Measuring agency		Not determined			
Source of measurement		Not determined			
Water-level approval status	А	Approved for publication Processing and review completed.			

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Note: The following pages were extracted from the "Denton Trunkline Spill Workplan", dated December 20, 2019.

Depth to groundwater at 1RP-5271

Please note that the following information was submitted to Fasken Oil and Ranch for nearby project 1RP-5270 by environmental consulting company SESI in Hobbs. Please note that most of the wells noted are within ½ mile of 1RP-5271. In particular, MW-16R is within the spill area of 1RP-5271. This monitoring well was installed at the direction of Plains All American Pipeline for a previous release that Plains All American is responsible for. David Boyer at SESI gauged this well on September 30, 2019. As needed, the full gauging history of this well might be available if it is needed by the OCD.

Fasken is also including an email from Camille Bryant at Plains All American Pipeline in reference to the depth to water for all Plains All American

From:	David Boyer
То:	Aaron Pachlhofer
Cc:	Rebecca Pons
Subject:	Fasken SWD #2 information
Date:	Tuesday, October 08, 2019 6:39:05 PM
Attachments:	Fasken SWD #2 Nearby Water Well Map.pdf
Date: Attachments:	Tuesday, October 08, 2019 6:39:05 PM Fasken SWD #2 Nearby Water Well Map.pdf

Aaron,

Attached is a map of nearby wells with depth to water and distance from SWD #2.

Some dates are greater than 30 years old, but are include to show water levels were greater than 50 feet at that time. Water levels in the Lea County ground water basin are declining everywhere to pumping, mainly for agriculture. These have been documented historically by numerous USGS and NM State Engineer Studies.

Monitor Well MW-16R is located at site of your Trunkline release and was sampled by me on Monday September 30, 2019

			Distance
Well ID	Date	DTW (ft.)	(miles)
L 01739	03/1953	55	0.43
L 02268	06/1953	55	0.31
L 02317	08/1953	65	0.48
L 13485	12/2013	103	0.27
L 14299	08/2017	84	0.40
MW-16R	09/2019	67.85	0.82

Also attached is a map composite of all the sampling locations at the SWD #2.

Rebecca should be able to help you if you have additional questions.

David G. Boyer, P.G. Hydrogeologist Safety & Environmental Solutions, Inc. 703 East Clinton St. P.O. Box 1613 Hobbs, New Mexico 88241 (575) 397-0510 (office) (575) 393-4388 (fax) (575) 390-7067 (cell) dgboyer@sesi-nm.com





Released to Imaging: 7/29/2021 1:39:45 PM

From:	Camille J Bryant
To:	Aaron Pachlhofer
Subject:	DTW
Date:	Wednesday, November 07, 2018 4:22:50 PM

Aaron,

As per our discussion this morning regarding depth to groundwater in Section 2, T15S, R37E in Lea County, New Mexico, the depth to water in this area should approximately 70 to 75 feet bgs. This depth is based on monitor wells in the area.

Thanks,

Camílle J. Bryant

Remediation Supervisor Plains All American 505 N. Big Spring, Suite 600 Midland, Texas 79701 Office: 432.221.7924 Cell: 575.441.1099

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The information contained in this message and/or attachments is intended only for the person or entity to which it is addressed and may contain confidential and/or privileged material. If you received this in error, please contact the Plains Service Desk at 713-646-4444 and delete the material from any system and destroy any copies.

This footnote also confirms that this email message has been scanned for Viruses and Content and cleared.

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Appendix B Laboratory Analytical Reports



October 27, 2020

JOEL LOWRY Etech Environmental & Safety Solutions P.O. Box 301 Lovington, NM 88260

RE: DENTON TRUNKLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/23/20 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 accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/20/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: NW 1 (H002835-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.6	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	10/26/2020	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	218	109	200	4.12	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	206	103	200	0.935	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	93.5	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	87.3	42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/23/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: NW 2 (H002835-02)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.3	% 73.3-12	9						
Chloride, SM4500Cl-B	Chloride, SM4500Cl-B mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/26/2020	ND	432	108	400	3.77	
TPH 8015M	mg,	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	218	109	200	4.12	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	206	103	200	0.935	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	111 9	44.3-14	4						
Surrogate: 1-Chlorooctadecane	106	42.2-15	6						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/20/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: NW 3 (H002835-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.5	73.3-12	9						
Chloride, SM4500Cl-B	Analyze	d By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	10/26/2020	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	218	109	200	4.12	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	206	103	200	0.935	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	113 %	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	110 %	6 42.2-15	6						

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*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/20/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: NW 4 (H002835-04)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.7	% 73.3-12	9						
Chloride, SM4500Cl-B	Analyze	d By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	10/26/2020	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	218	109	200	4.12	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	206	103	200	0.935	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	103	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	98.0	% 42.2-15	6						

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/23/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: NW 5 (H002835-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 73.3-12	9						
Chloride, SM4500Cl-B	Analyze	d By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1860	16.0	10/26/2020	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	218	109	200	4.12	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	206	103	200	0.935	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	109 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	106 9	42.2-15	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(575) 393-2326 EAY (575) 392-2476

	(575) 393-2326 FAX (575) 393-2	2476		_									_									P	age 1 o	f1
Company Name	Etech Environmental & Safety Sol	utions	, In	с.						BI	LLO						ANAL	YSIS	S RE	QUE	ST			
Project Manage	r: Joel Lowry						1	P.O. 1	ŧ:			_												
Address: P.C). Box 301							Company: Faske			Fasker	TO&R												
City: Lovingt	on State: NM	Zip	: 88	260				Attn: Etc.			ech									1				
Phone #: (57	5) 396-2378 Fax # : (575)	396-1	429)			1	Addre	ess:														- 1	
Project #: 11	24 Project Own	er:	Fa	sken	O&R			City: State: Zip:			1500)													
Project Name:	Denton Trunkline Release						-					2W)	218											
Project Locatio	n: Rural Lea							Phon	e #:					801	(80)					1				
Sampler Name	Matthew Grieco							Fax #	:		_		i S	H	X		1 1							
FOR LAB USE ONLY		T			MAT	RIX	_	PF	RESE	RV.	SAMPLI	NG	Ē		BT									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER WASTEWATER	Soll	OIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
1	NW1	C	1		X			Т	X		10/20/20		X	X	X									
2	NW2	С	1		X				X		10/23/20		X	X	X									
3	NW3	С	1		X				X		10/20/20		X	X	X									
4	NW4	С	1		X				X		10/20/20		X	X	X									
5	NW5	С	1		X				X		10/23/20		X	X	X									
								-	-										_	-			-	_
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		+	1	+	-			+	-				-	-	-	-			-	-	-	-	-	_
PLEASE NOTE: Liability analyses. All claims inclu service. In no event shall	and Damages. Cardinal's liability and client's exclusive remody fo ling those for negligence and any other cause whatsoever shall Cardinal be liable for incidental or consequential damages, inclu	r any cla be deem ing with	im aris ad web	ing whethe ved unless intion, busi	er based made in iness int	in con write mupti	itract o g and i ons, lo	r tort, sha received as of use	all be li by Car b, or los	imited for a state of provide the state of t	to the amount pair within 30 days alto rolls incurred by c	I by the client for r completion of t	r the he applica ries,	bie	_				1	-				-
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111.1	Time:		Λ	nd	,'		M	oN)B	m	REMARK	π: S:		<u>s</u> L	NO	Addi	-ax #:					-	_
Relinquished E	by: 10.20 July: Date: Time:	R	ecei	ved B	V v:	9	r4					Please e	mailı	results	to pr	n@ei	echen	v.com	<u>l.</u>					
Delivered By Sampler - UPS	: (Circle One) - Bus - Other: 1.12/ #	113	5	Sa Co	Yes	Con	Yes No	20	GH	ECK Uniti	ED BY:	RUSH	SAM	PLE	S - 2	DA	TUR	NAF	ROU	ND				
FORM-0	006 † 0	Cardi	nal	canno	t acc	ept	verl	bal ch	ang	jes.	Please fax	written o	chang	es to t	575-39	3-247	6							

Revision 1.0

Received by OCD: 4/29/2021 7:44:55 AM



October 27, 2020

JOEL LOWRY Etech Environmental & Safety Solutions P.O. Box 301 Lovington, NM 88260

RE: DENTON TRUNKLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/23/20 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 accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/21/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: SWG1 @ 6" (H002836-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.7	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/26/2020	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	218	109	200	4.12	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	206	103	200	0.935	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	106 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	101 9	42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/21/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: SWG2 @ 6" (H002836-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3	% 73.3-12)						
Chloride, SM4500Cl-B	mg/	mg/kg Analyze							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/26/2020	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	193	96.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	193	96.4	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	116 9	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	124 9	42.2-150	5						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/21/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: SWG3 @ 6" (H002836-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/26/2020	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	193	96.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	193	96.4	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	110 %	<i>44.3-14</i>	4						
Surrogate: 1-Chlorooctadecane	121 9	42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/21/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: SWG4 @ 6" (H002836-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2 9	73.3-12)						
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	10/26/2020	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	193	96.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	193	96.4	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	117 %	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	124 %	42.2-150	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/21/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: SWG5 @ 6" (H002836-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.3 %	73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	10/26/2020	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	193	96.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	193	96.4	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	105 %	6 44.3-14	4						
Surrogate: 1-Chlorooctadecane	111 %	6 42.2-150	5						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/21/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: SWG6 @ 6" (H002836-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.1	73.3-12	9						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	10/26/2020	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	193	96.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	193	96.4	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	108 9	<i>44.3-14</i>	4						
Surrogate: 1-Chlorooctadecane	114 %	6 42.2-15	6						

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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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Celey D. Keene, Lab Director/Quality Manager


CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

	(575) 393-2326 FAX (575) 393-24	476													_									Page	1 of 1
Company Name	e: Etech Environmental & Safety Solut	tions	s, In	C.	1				Z	E	BIL	LTO						ANA	LYS	IS F	REQU	IEST			
Project Manage	r: Joel Lowry			_			_	P.C). #:	E	3	teck	2												
Address: P.C). Box 301	-						Co	Company: Fasker O&R																
City: Lovingto	on State: NM	Zip	: 88	3260)			Att	n:			-													
Phone #: (57	5) 396-2378 Fax #: (575) 3	96-1	142	9				Add	dres	s:															
Project #: 119	24 Project Owne	r:	Fa	aske	en O	&R		City	v:										1				1		
Project Name:	Denton Trunkline Release							Sta	te:		Z	Zip:		20	(W)	18									
Project Locatio	n: Rural Lea	-	_		-	-	_	Pho	one	#:				6	201	802		1							
Sampler Name:	Matthew Grieco	-	-	-			-	Fax	#:					P.	H	X									1
FOR LAB USE ONLY		Г	Г	T	P	ATR	X		PRE	SER	RV.	SAMPLI	NG	Ĕ	₽.	BI									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
1	SWG1 @ 6"	G	1	Γ		X				X		10/21/20		X	X	X						T			
2	SWG2 @ 6"	G	1			X				X		10/21/20		X	X	X									
3	SWG3 @ 6"	G	1			X				X		10/21/20		x	X	X									
4	SWG4 @ 6"	G	1			X	1			X	1	10/21/20		X	X	X						-			
5	SWG5 @ 6"	G	1			X				X		10/21/20		X	X	X			-				-		
(e	SWG6 @ 6"	G	1	⊢		X	+	+	-	X	+	10/21/20		X	X	X	+	-	+	+	+	+	+	-	
			t				1				t									1					
			L				-				-		-					-		1	-	-	-	-	-
PLEASE NOTE: Liability a analyses. All claims includ service. In no event shall C affiliates or successors and Relinquished B Relinquished B Delivered By Sampler - UPS	nd Damages. Cardinal's lability and client's exclusive remedy for a ling those for negligence and any officer cause whatsoever shall be cardinal be liable for incidential or consequential damages, includin ing out of or related to the performance of services hereunder by to V: Date: Time: : (Circle One) - Bus - Other: 1.12/ #1	any claim dearning without a second s	im aris ad wal sat lim ecce	sing wh hved un hallon, ardless ived	Sam	ple Co Nio	ontrac ling w ptions, h clain	tion	shall investigation of the shall investigation of the shall investigation of the shall investigation of the shall be sha		ind to innel will of proli	the amount pair hin 30 days after its incurred by cl above stated rec D BY: als).	by the client for completion of it isons or otherwise Phone Re Fax Result REMARKS	the te applicat fes, se. sult: tt: S: mail r SAM	PLE	s to p S - 2	No No 2 No	Add" Add" techer Y TU	Phone Fax #	m.	UND				

Revision 1.0



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/23/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: SW1 (H002837-01)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.5	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	10/26/2020	ND	432	108	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	193	96.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	193	96.4	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	91.0	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	96.9	% 42.2-15	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/23/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: SW2 (H002837-02)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1420	16.0	10/26/2020	ND	432	108	400	7.69	
TPH 8015M	mg/	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	193	96.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	193	96.4	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	102	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	107	42.2-15	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/23/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: SW3 (H002837-03)

BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	<i>98.3</i>	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	10/26/2020	ND	432	108	400	7.69	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	193	96.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	193	96.4	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	98.6	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	104	% 42.2-15	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/23/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: SW4 (H002837-04)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	10/26/2020	ND	432	108	400	7.69	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	193	96.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	193	96.4	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	84.2	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	87.9	% 42.2-15	6						

Cardinal Laboratories

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/23/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: SW5 (H002837-05)

BTEX 8021B	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.2	% 73.3-12	9						
Chloride, SM4500Cl-B	mg,	′kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	10/26/2020	ND	432	108	400	7.69	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	193	96.6	200	2.66	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	193	96.4	200	1.96	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	109	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	115 9	42.2-15	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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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Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

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

	(575) 393-2326 FAX (575) 393-24	476												-	_		-					F	age 1 of
Company Name	Etech Environmental & Safety Solut	tions	s, In	с.						BI	LL TO						ANA	LYSI	SR	EQU	ST		
Project Manage	r: Joel Lowry			_				P.0	. #:	Et	rech												
Address: P.C	. Box 301							Company: Fasken O&R															
City: Lovingto	on State: NM	Zip	: 88	260				Attn:															
Phone #: (57	5) 396-2378 Fax #: (575) 3	96-1	429)				Add	ress	s:													
Project #: 119	24 Project Owne	r:	Fa	ske		R		City	:														
Project Name:	Denton Trunkline Release						-	Stat	te:		Zip:		1500	EM)	21B						1.1		
Project Location	n: Rural Lea							Pho	ne #	k:			9	801	80			1					
Sampler Name:	Matthew Grieco		-			-		Fax	#:				orid	H	EX								
FOR LAB USE ONLY		Г	Г		M	ATR	X		PRES	SERV	SAMPL	NG	Ē	L ⊨	BT								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	OIL	SLUDGE	OTHER :	ACID/BASE:	OTHER :	DATE	TIME											
	SW1	c	1			x)	(10/23/20		X	X	X					1			
2	SW2	c	1			x)	(10/23/20		X	X	X								
3	SW3	С	1			x)	K	10/23/20		х	X	X								
Ŭ,	SW4	С	1			x)	<	10/23/20		X	X	X								
5	SW5	С	1		1	x)	K	10/23/20		X	x	X								
					-	+	1			+							-	-	-	-			
					-	-	-		-	-			-	_	-	-	-	-	-	-	-		_
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Revision 1.0

Received by OCD: 4/29/2021 7:44:55 AM

Page 80 of 210



October 27, 2020

JOEL LOWRY Etech Environmental & Safety Solutions P.O. Box 301 Lovington, NM 88260

RE: DENTON TRUNKLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 10/23/20 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 accreditated 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,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



October 27, 2020

JOEL LOWRY Etech Environmental & Safety Solutions P.O. Box 301 Lovington, NM 88260

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Sincerely,

Celey D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/23/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: NW2-W (H002838-01)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	uene* <0.050 0.050		10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300 0.300		10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1440	16.0	10/26/2020	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	213	106	200	5.43	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	178	88.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	121 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	121 9	42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/23/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	** (See Notes)
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: NW2-E (H002838-02)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	<0.050	0.050	10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.5	% 73.3-12	9						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	10/26/2020	ND	432	108	400	7.69	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/26/2020	ND	213	106	200	5.43	
DRO >C10-C28*	<10.0	10.0	10/26/2020	ND	178	88.9	200	2.44	
EXT DRO >C28-C36	<10.0	10.0	10/26/2020	ND					
Surrogate: 1-Chlorooctane	120 9	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	121 9	42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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

Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

	(575) 393-2326 FAX (575) 393-2	2476	_	_	_	_	_	-		_	_					_	_						_	Page '	1 of 1
Company Nam	e: Etech Environmental & Safety Sol	utions	s, In	С.					Z		BI	LL TO		-		-		ANA	LYS	IS F	REQU	EST	-		-
Project Manage	er: Joel Lowry			_				P.	0. #	5	E	ted	h												
Address: P.C	O. Box 301							Company: Fasken O&R																	
City: Loving	ton State: NM	Zip	: 88	260				Attn:																	
Phone #: (57	75) 396-2378 Fax #: (575)	396-	1429)				A	ddre	SS:															
Project #: 11	924 Project Own	er:	Fa	ske	n Oð	&R		Ci	ity:					6		=					1				
Project Name:	Denton Trunkline Release							SI	tate:			Zip:		450	2W	218									
Project Locatio	on: Rural Lea							P	hone	e #:				e	801	8									1
Sampler Name	: Matthew Grieco							Fa	ax #:					orio	H	E E									
FOR LAB USE ONLY		Ι.	Г		M	ATF	XIX	_	PR	ESE	RV.	SAMPLI	NG	नि	=	6		ł –							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMF	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
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2	NW2-E	С	1			X				X		10/23/20	-	X	X	X									
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Received by OCD: 4/29/2021 7:44:55 AM



October 27, 2020

JOEL LOWRY Etech Environmental & Safety Solutions P.O. Box 301 Lovington, NM 88260

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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/ga/lab_accred_certif.html.

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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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	10/23/2020	Sampling Date:	10/20/2020
Reported:	10/27/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Jodi Henson
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: EW1 (H002839-01)

BTEX 8021B	mg	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050 0.050		10/26/2020	ND	1.94	97.1	2.00	12.3	
Toluene*	uene* <0.050 0.050		10/26/2020	ND	1.88	93.9	2.00	12.8	
Ethylbenzene*	<0.050	0.050	10/26/2020	ND	1.83	91.4	2.00	12.7	
Total Xylenes*	<0.150	0.150	10/26/2020	ND	5.28	87.9	6.00	12.4	
Total BTEX	<0.300	0.300	10/26/2020	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.4	% 73.3-12	9						
Chloride, SM4500Cl-B	mg	′kg	Analyze	d By: GM					
Analyte	Result Reporting Limit		Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368 16.0		10/26/2020	ND	432	108	400	7.69	
TPH 8015M	mg,	′kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/27/2020	ND	215	107	200	1.77	
DRO >C10-C28*	<10.0	10.0	10/27/2020	ND	209	104	200	2.04	
EXT DRO >C28-C36	<10.0	10.0	10/27/2020	ND					
Surrogate: 1-Chlorooctane	106	% 44.3-14	4						
Surrogate: 1-Chlorooctadecane	101	42.2-15	6						

Cardinal Laboratories

*=Accredited Analyte

Celeg Li Keene

Celey D. Keene, Lab Director/Quality Manager



Notes and Definitions

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RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
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Cardinal Laboratories

*=Accredited Analyte

Celeg Litteene

Celey D. Keene, Lab Director/Quality Manager

RDINAL LABORATORIES

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 4 of 4

101 East Marland, Hobbs, NM 88240

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

	(575) 393-2326 FAX (575)	393-247	6									_	_									-			Page	1 of 1
Company Name	e: Etech Environmental & Safe	ty Solutio	ons,	Inc.						Z	E]][LTO						ANA	LYS	IS R	EQU	EST		_	
Project Manage	er: Joel Lowry						_		P.C), #:				-												
Address: P.C	D. Box 301								Co	mpa	iny:		Faske	n O&R												
City: Lovingt	on State:	NM Z	lip: 8	882	60				Att	n:												1				
Phone #: (57	5) 396-2378 Fax #:	(575) 398	6-14	29					Add	dres	s:							1	1			1				
Project #: 119	924 Project	t Owner:	1	Fas	ken	80	R		City:				6		1=	1	1		1							
Project Name:	Denton Trunkline Release								State: Zip:				450	SM	(8021E				1							
Project Locatio	n: Rural Lea								Phone #:				e	801							1					
Sampler Name:	Matthew Grieco								Fax	(#:					ori	H	1 ž	1								
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Revision 1.0

Received by OCD: 4/29/2021 7:44:55 AM

Page 90 of 210



November 03, 2020

JOEL LOWRY Etech Environmental & Safety Solutions P.O. Box 301 Lovington, NM 88260

RE: DENTON TRUNKLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/02/20 15:45.

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Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

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Sincerely,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	11/02/2020	Sampling Date:	11/02/2020
Reported:	11/03/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Tamara Oldaker
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: NW - 5d (H002890-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/03/2020	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

Celeg Li Keene

Celey D. Keene, Lab Director/Quality Manager



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

Celeg Litteene

Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240

Company Nam	(575) 393-2326 FA	X (575) 393-24	76	Inc	_	_	-	-		-		BII	ITO		-			-	AN		215	REO	LIES	T	-	Page 1	011
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City. Loving	(5) 206 2270	State. 1414		420	200		_		At	tn:	-									1							
Phone #: (5/	5) 590-2576	Fax #. (575) 5	90-1	429	alvar	0	D		Ad	Idre	SS:																
Project #: 11	24	Project Owner	-	ra	sker	108	R		City:					8	E	6											
Project Name:	Denton Trunkline Relea	se	-				-	_	State: Zip:				55	150	021												
Project Locatio	n: Rural Lea							_	Ph	one	:				de	80	8										
Sampler Name	Matthew Grieco		_	_	_				Fa	x #:					- Lo	F	10										
FOR LAB USE ONLY	FOR LAB USE ONLY MATRIX				IX	-	PR	ESE	RV.	SAMPL	ING	5		0													
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PLEASE NOTE: Liability a analyses. All claims inclus service. In no event shall affiliates or successors are	and Damages. Cardinal's liability and clie ling those for negligence and any other of Cardinal be fieldle for incidental or consec sing out of or related to the performance	nt's exclusive remody for an cause whatsoover shall be d quental damages, including of services hereunder by C	iy clair iseme withou ardinai	n arisi d walw at limiti I, rega	ng whet ed unie ition, bi rdiess o	ther bas st mad usiness of wheth	e in wr internu internu	contrac illing an uptions, th claim	t or tor d rece loss o is bes	it, shall alved by if use, i sed up	be lin y Cano or loop	nited to final with of pro y of the	the amount pai thin 30 days after this incurred by a above stated re	id by the client for er completion of t client, its subsidio easons or otherwi	r the he applica ries, se.	bie											
Relinquished E	SV:	Date: 12-7-20	Re	ceiv	ved	By:				1	7	11	11	Phone Re Fax Resu	sult:		es C	No	Add	"I Phor	ne #: #:						
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Delivered By Sampler - UPS	r: (Circle One) 5 - Bus - Other:	4.7c =	41	3	S	iamp Cool	le Co Inf ēs [-	ondit tact Ye	s o	7	CH	ECKI (Initi	ED BY: als)	RUSH	SAM	IPLE	S - 2	DA	YTL	JRN	ARC	DUN	D				
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Page 4 of 4

Received by OCD: 4/29/2021 7:44:55 AM



November 03, 2020

JOEL LOWRY Etech Environmental & Safety Solutions P.O. Box 301 Lovington, NM 88260

RE: DENTON TRUNKLINE RELEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/02/20 15:45.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



Analytical Results For:

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

Received:	11/02/2020	Sampling Date:	11/02/2020
Reported:	11/03/2020	Sampling Type:	Soil
Project Name:	DENTON TRUNKLINE RELEASE	Sampling Condition:	Cool & Intact
Project Number:	11924	Sample Received By:	Tamara Oldaker
Project Location:	FASKEN O & R - LEA CO NM		

Sample ID: NW - 2Eb (H002891-01)

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	11/03/2020	ND	400	100	400	3.92	

Sample ID: NW2 - Wc (H002891-02)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	11/03/2020	ND	400	100	400	3.92	

Sample ID: NW - 5c (H002891-03)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/03/2020	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

Celez Litera

Celey D. Keene, Lab Director/Quality Manager



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

Celeg Litteene

Celey D. Keene, Lab Director/Quality Manager

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name	: Etech Environmental & Safety Solu	tions	, In	с.		-				E		LL TO			-			ANA	LYS	SR	EQU	EST		, uge	
Project Manage	er: Joel Lowry		-					P.	0. #							T		T	T	T	T	T			T
Address: P.C	D. Box 301							Co	mp	any:	-	Et	ech	1											
City: Lovingt	on State: NM	Zip	: 88	260				At	tn:					1											1
Phone #: (57	5) 396-2378 Fax #: (575) 3	396-1	429)			_	Ad	dre	SS:				1							1				
Project #: 119	24 Project Owne	r:	Fa	ske	n 08	R		Ci	tv:		-					1									
Project Name:	Denton Trunkline Release				_	-		St	ate:	_		Zip:		20	N)	18)									
Project Locatio	n: Rural Lea					-		Phone #:				6	301	802									1		
Sampler Name:	Matthew Grieco		-				-	Fa	x #:					E.	H	X									
FOR LAB USE ONLY			Г		M	ATR	IX		PRI	SER	۲V.	SAMPL	ING	Ĕ	E I	E									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SUIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
1	NW-2Eb	С	1		1	X				X		11/2/20		X						-					
2	NW2-Wc	С	1			X				X		11/2/20	-	X											
3	NW-5c	С	1		1	X				X		11/2/20	1000	X				-			-	-		_	-
					-	-	-			-	4				-		-	-	-	-	-	-			-
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PLEASE NOTE: Liability a analyses. All claims includ service. In no event shall C affiliates or successors and Relinquished B Relinquished B Delivered By Sampler - UPS	nd Damages. Cardinal's liability and client's exclusive remedy for ing those for nogligence and any other cause whitebower shall be cardinal be liable for incidential or consequential damages, includin ing out of or related to the performance of services hereunder by V: V: V: Date: Time: : (Circle One) - Bus - Other: 4.7c 4	Re	m arisi d walk ut limit arega accef	ved	ther bas ss med usiness of wheth By: By: By:	internu intern	ondit act	tor tor tor direce loss o is been	t, shall wed by fuse, c ed upp	cardin r loss o n any o CHEC (II	cKI	the amount pa thin 30 days after this incurred by above stated re above stated re by ED BY: also	d by the client for r competition of f client, its subsiding Phone Re Fax Resu REMARKS Please e RUSH	the he applicantes, en. suit: tt: S: smail r SAM	esults	s to prist of states and states a	No No DA	Add' Add' techei Y TU	Phone Fax #	n. ROL	JND				

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Received by OCD: 4/29/2021 7:44:55 AM

Project Id:

Project Location:

Contact:

Г

eurofins Environment Testing Xenco

11924

Rural Lea County, NM

PM

Certificate of Analysis Summary 676822

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Denton Truckline

 Date Received in Lab:
 Wed 11.04.2020 00:00

 Report Date:
 11.17.2020 07:54

Project Manager: Jessica Kramer

	Lab Id:	676822-0	01	676822-0	02		
Analysis Poarostad	Field Id:	W-1		W-2			
Analysis Kequesieu	Depth:						
	Matrix:	SOIL		SOIL			
	Sampled:	11.03.2020	00:00	11.03.2020	00:00		
BTEX by EPA 8021B	Extracted:	11.07.2020	15:00	11.07.2020	15:00		
	Analyzed:	11.08.2020	04:06	11.08.2020	04:27		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Benzene		< 0.00201	0.00201	< 0.00198	0.00198		
Toluene		< 0.00201	0.00201	< 0.00198	0.00198		
Ethylbenzene		< 0.00201	0.00201	< 0.00198	0.00198		
m,p-Xylenes		< 0.00402	0.00402	< 0.00397	0.00397		
o-Xylene		< 0.00201	0.00201	< 0.00198	0.00198		
Total Xylenes		< 0.00201	0.00201	< 0.00198	0.00198		
Total BTEX		< 0.00201	0.00201	<0.00198	0.00198		
Chloride by EPA 300	Extracted:	11.04.2020	16:35	11.04.2020	16:35		
	Analyzed:	11.05.2020	16:28	11.05.2020	16:47		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Chloride		9.06 X	5.04	8.53	5.01		
TPH By SW8015 Mod	Extracted:	11.04.2020	16:00	11.04.2020	16:00		
	Analyzed:	11.04.2020	18:02	11.04.2020	18:21		
	Units/RL:	mg/kg	RL	mg/kg	RL		
Gasoline Range Hydrocarbons (GRO)		<49.8	49.8	<49.9	49.9		
Diesel Range Organics (DRO)		<49.8	49.8	<49.9	49.9		
Motor Oil Range Hydrocarbons (MRO)		<49.8	49.8	<49.9	49.9		
Total TPH		<49.8	49.8	<49.9	49.9		

BRL - Below Reporting Limit

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

Jession Vramer

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Analytical Report 676822

for

Etech Environmental & Safety Solution, Inc

Project Manager: PM

Denton Truckline 11924

11.17.2020

Collected By: Client



1211 W. Florida Ave Midland TX 79701

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

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

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483) Received by OCD: 4/29/2021 7:44:55 AM

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11.17.2020

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

Reference: Eurofins Xenco, LLC Report No(s): **676822 Denton Truckline** Project Address: Rural Lea County, NM

PM :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 676822. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 676822 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

fession kenner

Jessica Kramer Project Manager

A Small Business and Minority Company

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

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Sample Cross Reference 676822

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
W-1	S	11.03.2020 00:00		676822-001
W-2	S	11.03.2020 00:00		676822-002

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CASE NARRATIVE

Client Name: Etech Environmental & Safety Solution, Inc Project Name: Denton Truckline

Project ID: 11924 Work Order Number(s): 676822 Report Date: 11.17.2020 Date Received: 11.04.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3141562 Chloride by EPA 300

Lab Sample ID 676823-009 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 676822-001, -002.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Environment Testir Xenco

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id: W-1		Matrix:	Soil			Date Received:11.0	4.2020 00:	00
Lab Sample Id: 676822-001		Date Co	ollected: 11.03	3.2020 00:00				
Analytical Method: Chloride by EP	PA 300					Prep Method: E30	0P	
Tech: CHE			11.04	1 2020 1 6 25		% Moisture:		
Seq Number: 3141562		Date Pr	ep: 11.04	1.2020 16:35		Basis: Wet	Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Chloride	16887-00-6	9.06	5.04		mg/kg	11.05.2020 16:28	Х	1
Analytical Method:TPH By SW80Tech:DVMAnalyst:ARMSeq Number:3141411	15 Mod	Date Pr	ep: 11.04	1.2020 16:00		Prep Method: SW3 % Moisture: Basis: Wet	8015P Weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	Flag	Dil
Gasoline Range Hydrocarbons (GRO)	PHC610	<49.8	49.8		mg/kg	11.04.2020 18:02	U	1
Diesel Range Organics (DRO)	C10C28DRO	<49.8	49.8		mg/kg	11.04.2020 18:02	U	1
Motor Oil Range Hydrocarbons (MRO)	PHCG2835	<49.8	49.8		mg/kg	11.04.2020 18:02	U	1
Total TPH	PHC635	<49.8	49.8		mg/kg	11.04.2020 18:02	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1-Chlorooctane		111-85-3	93	%	70-130	11.04.2020 18:02		
o-Terphenyl		84-15-1	108	%	70-130	11.04.2020 18:02		

Certificate of Analytical Results 676822

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id:	W-1		Matrix:	5	Soil		Date Received	1:11.04	.2020 00:0	0
Lab Sample Id	: 676822-001		Date Colle	ected: 1	11.03.2020 00:00					
Analytical Me	thod: BTEX by EPA 802	1B					Prep Method:	SW50	35A	
Tech: Analyst	KTL KTL		Date Pren:	. 1	11 07 2020 15:00		% Moisture:			
Seq Number:	3141652		Date Trep.	• •	11.07.2020 13.00		Basis:	Wet V	Veight	
Parameter		Cas Number	Result	RL		Units	Analysis Da	ate	Flag	Dil

							-	
Benzene	71-43-2	< 0.0020	1 0.00201		mg/kg	11.08.2020 04:06	U	1
Toluene	108-88-3	< 0.0020	1 0.00201		mg/kg	11.08.2020 04:06	U	1
Ethylbenzene	100-41-4	< 0.0020	1 0.00201		mg/kg	11.08.2020 04:06	U	1
m,p-Xylenes	179601-23-1	< 0.00402	2 0.00402		mg/kg	11.08.2020 04:06	U	1
o-Xylene	95-47-6	< 0.0020	1 0.00201		mg/kg	11.08.2020 04:06	U	1
Total Xylenes	1330-20-7	< 0.0020	1 0.00201		mg/kg	11.08.2020 04:06	U	1
Total BTEX		< 0.0020	1 0.00201		mg/kg	11.08.2020 04:06	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	107	%	70-130	11.08.2020 04:06		
1,4-Difluorobenzene		540-36-3	102	%	70-130	11.08.2020 04:06		

Environment Testin Xenco

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id:	W-2		Matrix:	Soil	l		Date Received:	11.04.2020 0	0:00
Lab Sample I	d: 676822-002		Date Co	ollected: 11.0	03.2020 00:00				
Analytical Me	ethod: Chloride by EF	PA 300					Prep Method: 1	E300P	
Tech:	CHE			11.0	1 2020 1 6 25		% Moisture:		
Analyst: Sea Number:	CHE 3141562		Date Pr	ep: 11.0	04.2020 16:35		Basis:	Wet Weight	
Seq Number.	5141502								
Parameter		Cas Number	Result	RL		Units	Analysis Date	e Flag	Dil
Chloride		16887-00-6	8.53	5.01		mg/kg	11.05.2020 16:4	47	1
Tech: Analyst: Seq Number:	DVM ARM 3141411		Date Pr	ер: 11.0)4.2020 16:00		% Moisture: Basis:	Wet Weight	
Parameter		Cas Number	Result	RL		Units	Analysis Dat	e Flag	Dil
Gasoline Range	Hydrocarbons (GRO)	PHC610	<49.9	49.9		mg/kg	11.04.2020 18:2	21 U	1
Diesel Range Or	ganics (DRO)	C10C28DRO	<49.9	49.9		mg/kg	11.04.2020 18:2	21 U	1
Motor Oil Range H	Iydrocarbons (MRO)	PHCG2835	<49.9	49.9		mg/kg	11.04.2020 18:2	21 U	1
Total TPH		PHC635	<49.9	49.9		mg/kg	11.04.2020 18:2	21 U	1
Surrogate			Cas Number	% Recovery	Units	Limits	analysis D	ate Flag	
1-Chlorood	ctane		111-85-3	96	%	70-130	11.04.2020 1	8:21	
o-Terphen	yl		84-15-1	114	%	70-130	11.04.2020 1	8:21	

Certificate of Analytical Results 676822

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Parameter		Cas Number	Result	RL	Units	Analysis D	ate	Flag	Dil
Seq Number:	3141652						wee w	orgin	
Analyst:	KTL		Date Prep	b: 11.07.2020 15:00)	% Moisture: Basis:	Wet W	/eight	
Tech:	KTL					0/ 14 .			
Analytical Me	ethod: BTEX by EPA 80)21B				Prep Method:	SW50	35A	
Lab Sample I	d: 676822-002		Date Col	lected: 11.03.2020 00:00)				
	vv-2			5011		Date Received	u.11.0 4 .	2020 00	.00
Sample Id:	W 2		Matrix	Soil		Date Received	$4.11.04^{-6}$	2020.00	.00

Benzene	71-43-2	< 0.0019	8 0.00198		mg/kg	11.08.2020 04:27	U	1
Toluene	108-88-3	< 0.0019	8 0.00198		mg/kg	11.08.2020 04:27	U	1
Ethylbenzene	100-41-4	< 0.0019	8 0.00198		mg/kg	11.08.2020 04:27	U	1
m,p-Xylenes	179601-23-1	< 0.0039	7 0.00397		mg/kg	11.08.2020 04:27	U	1
o-Xylene	95-47-6	< 0.0019	8 0.00198		mg/kg	11.08.2020 04:27	U	1
Total Xylenes	1330-20-7	< 0.0019	8 0.00198		mg/kg	11.08.2020 04:27	U	1
Total BTEX		< 0.0019	8 0.00198		mg/kg	11.08.2020 04:27	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	109	%	70-130	11.08.2020 04:27		
1,4-Difluorobenzene		540-36-3	103	%	70-130	11.08.2020 04:27		

Xenco

Environment Testing

🔅 eurofins

Flagging Criteria

- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- **F** RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL	Below Reporting Limit.	ND Not Detected.			
RL	Reporting Limit				
MDL	Method Detection Limit	SDL Sample Det	ection Limit	LOD Limit of Detection	
PQL	Practical Quantitation Limit	MQL Method Qua	antitation Limit	LOQ Limit of Quantitation	n
DL	Method Detection Limit				
NC	Non-Calculable				
SMP	Client Sample		BLK	Method Blank	
BKS/I	LCS Blank Spike/Laboratory	Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labor	catory Control Sample Duplicate
MD/S	D Method Duplicate/Samp	le Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NE	LAC certification not offered	for this compound.			

* (Next to analyte name or method description) = Outside XENCO's scope of NELAC accreditation
Received by OCD: 4/29/2021 7:44:55 AM

QC Summary 676822

eurofins Environment Testing Xenco

Etech Environmental & Safety Solution, Inc

Denton Truckline

Analytical Method: Seq Number: MB Sample Id: Parameter Chloride	Chloride by 3141562 7714516-1-H	BLK BLK MB Result <5.00	0 Spike Amount 250	LCS San LCS Result 265	Matrix: nple Id: LCS %Rec 106	Solid 7714516-1 LCSD Result 267	-BKS LCSD %Rec 107	Limits 90-110	Pr LCSI %RPD 1	ep Metho Date Pre Sample RPD Limit 20	d: E30 p: 11.0 Id: 771 Units mg/kg	0P 14.2020 4516-1-BSD Analysis Date 11.05.2020 16:14	Flag
Analytical Method: Seq Number: Parent Sample Id:	Chloride by 3141562 676822-001	EPA 30	0 S=1-	MS San	Matrix: nple Id:	Soil 676822-00	01 S	V locality	Pr MSI	ep Metho Date Pre D Sample	d: E30 p: 11.0 Id: 676	0P 04.2020 822-001 SD	
Parameter		Result	Amount	Result	MS %Rec	MSD Result	MSD %Rec	Limits	%KPD	Limit	Units	Date	Flag
Chloride		9.06	252	304	117	285	110	90-110	6	20	mg/kg	11.05.2020 16:34	Х
Analytical Method: Seq Number: Parent Sample Id: Parameter	Chloride by 3141562 676823-009	Parent	0 Spike	MS San MS	Matrix: nple Id: MS	Soil 676823-00 MSD	9 S MSD	Limits	Pr MSI %RPD	ep Metho Date Pre D Sample RPD	d: E30 p: 11.0 Id: 676 Units	0P 14.2020 823-009 SD Analysis	Flag
Chlorida		Result	Amount	Result	%Rec	Result	%Rec	00.110	1	Limit		Date	v
Analytical Method: Seq Number: MB Sample Id:	TPH By SW 3141411 7714534-1- H	7 8015 M Blk	od	LCS San	Matrix: nple Id:	Solid 7714534-1	-BKS		Pr LCSI	ep Metho Date Pre D Sample	d: SW p: 11.0 Id: 771	8015P 14.2020 4534-1-BSD	
Parameter		MB Posult	Spike	LCS Result	LCS	LCSD Bogult	LCSD	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo	ons (GRO)	<50.0	1000	949	95	1020	% Kec	70-130	7	20	mg/kg	11.04.2020 16:08	
Diesel Range Organics (DRO)	<50.0	1000	1100	110	1090	109	70-130	1	20	mg/kg	11.04.2020 16:08	
Surrogate		MB %Rec	MB Flag	L0 %]	CS Rec	LCS Flag	LCSI %Re) LCSI c Flag	D Li	mits	Units	Analysis Date	
1-Chlorooctane		93		9	99 15		120		70- 70	-130	%	11.04.2020 16:08	
Analytical Method: Seq Number:	TPH By SW 3141411	78015 M	od	MB San	Matrix: nple Id:	Solid 7714534-1	-BLK		Pr	ep Metho Date Pre	⁷⁰ d: SW p: 11.0 Units	8015P 44.2020	
Parameter				Result							0	Date	Flag
Motor Oil Range Hydrocart	oons (MRO)			<50.0							mg/kg	11.04.2020 15:50	

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

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

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Final 1.001
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Received by OCD: 4/29/2021 7:44:55 AM

QC Summary 676822

eurofins Environment Testing Xenco

Etech Environmental & Safety Solution, Inc

Denton Truckline

TPH By SW	/8015 M	od						Pi	rep Meth	od: SW	8015P	
3141411]	Matrix:	Soil				Date Pr	ep: 11.0	04.2020	
676828-001			MS San	nple Id:	676828-00	01 S		MS	D Sample	e Id: 676	828-001 SD	
	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
ns (GRO)	<49.9	998	922	92	882	88	70-130	4	20	mg/kg	11.04.2020 17:05	
DRO)	<49.9	998	883	88	924	93	70-130	5	20	mg/kg	11.04.2020 17:05	
			N %]	1S Rec	MS Flag	MSD %Red	o MSD c Flag) Li	imits	Units	Analysis Date	
			1	13		114		70	-130	%	11.04.2020 17:05	
			1	16		115		70	-130	%	11.04.2020 17:05	
	TPH By SW 3141411 676828-001 ns (GRO) DRO)	TPH By SW8015 M 3141411 676828-001 Parent Result ns (GRO) <49.9 DRO) <49.9	TPH By SW8015 Mod 3141411 676828-001 Parent Spike Result Amount ns (GRO) <49.9	TPH By SW8015 Mod 3141411	TPH By SW8015 Mod 3141411 Matrix: 676828-001 MS Sample Id: Parent Spike MS MS Result Amount Result %Rec ns (GRO) <49.9	TPH By SW8015 Mod 3141411 Matrix: Soil 676828-001 MS Sample Id: 676828-00 Parent Spike MS MS Result Amount Result %Rec Result ns (GRO) <49.9	TPH By SW8015 Mod 3141411 Matrix: Soil 676828-001 MS Sample Id: 676828-001 S Parent Spike MS MS MSD MSD Result Amount Result %Rec Result %Rec ns (GRO) <49.9	TPH By SW8015 Mod 3141411 Matrix: Soil 676828-001 MS Sample Id: 676828-001 S Parent Spike MS MS MSD MSD Limits Result Amount Result %Rec Result %Rec ns (GRO) <49.9	TPH By SW8015 Mod Pri 3141411 Matrix: Soil 676828-001 MS Sample Id: 676828-001 S MS Parent Result Amount MS MS MSD MSD Limits %RPD ns (GRO) <49.9	Prep Method 3141411 Matrix: Soil Date Pr 676828-001 MS Sample Id: 676828-001 S MSD Sample Parent Result Amount MS MS MSD Result %Rec RepD Limits %RPD Limit RPD Limit ns (GRO) <49.9	Prep Method: SW 3141411 Matrix: Soil Date Prep: 11.0 676828-001 MS Sample Id: 676828-001 S MSD Sample Id: 676 Parent Spike MS MS MSD MSD Limits %RPD Limit ns (GRO) <49.9	Prep Method: SW8015 Mod 3141411 Matrix: Soil Date Prep: 11.04.2020 676828-001 MS Sample Id: 676828-001 S MSD Sample Id: 676828-001 SD Prep Method: SW8015P Date Prep: 11.04.2020 MS Sample Id: 676828-001 SD MSD Sample Id: 676828-001 SD Prep Method: Spike Prep: MS MSD MSD MSD Sample Id: 676828-001 SD Parent Result Amount Amount Amount Amount Seg MSD MSD Result %Rec Limits %RPD RPD Limit Units Analysis Date ns (GRO) <49.9

BTEX by EPA 8021	B						P	rep Meth	od: SW	5035A	
3141652]	Matrix:	Solid				Date Pr	ep: 11.0	07.2020	
7714727-1-BLK		LCS San	nple Id:	7714727-1	1-BKS		LCS	D Sample	e Id: 771	4727-1-BSD	
MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
< 0.00200	0.100	0.0923	92	0.0811	81	70-130	13	35	mg/kg	11.07.2020 14:50	
< 0.00200	0.100	0.0941	94	0.0842	84	70-130	11	35	mg/kg	11.07.2020 14:50	
< 0.00200	0.100	0.0983	98	0.0895	90	70-130	9	35	mg/kg	11.07.2020 14:50	
< 0.00400	0.200	0.194	97	0.176	88	70-130	10	35	mg/kg	11.07.2020 14:50	
< 0.00200	0.100	0.0938	94	0.0887	89	70-130	6	35	mg/kg	11.07.2020 14:50	
MB %Rec	MB Flag	L0 %]	CS Rec	LCS Flag	LCSI %Re) LCSI c Flag		imits	Units	Analysis Date	
99		9	99		99		70	-130	%	11.07.2020 14:50	
104		9	94		100		70	-130	%	11.07.2020 14:50	
	BTEX by EPA 8021 3141652 7714727-1-BLK MB Result <0.00200 <0.00200 <0.00200 <0.00400 <0.00200 <0.00200 MB %Rec 99 104	BTEX by EPA 8021B 3141652 7714727-1-BLK MB Spike Result Amount <0.00200	BTEX by EPA 8021B 3141652 ICS Sam 7714727-1-BLK LCS Sam MB Spike LCS esuit Amount Result <0.00200	BTEX by EPA 8021B 3141652 Matrix: 7714727-1-BLK LCS Sample Id: MB Spike LCS LCS 0.00200 0.100 0.0923 92 <0.00200	BTEX by EPA 8021B 3141652 Matrix: Solid 7714727-1-BLK LCS Sample Id: 7714727-1 MB Spike LCS LCS <thls< th=""> LCS LCS<td>BTEX by EPA 8021B 3141652 Matrix: Solid 7714727-1-BLK LCS Sample Id: 7714727-1-BKS MB Spike LCS LCS LCSD LCSD Result Amount Result %Rec Result %Rec <0.00200</td> 0.100 0.0923 92 0.0811 81 <0.00200</thls<>	BTEX by EPA 8021B 3141652 Matrix: Solid 7714727-1-BLK LCS Sample Id: 7714727-1-BKS MB Spike LCS LCS LCSD LCSD Result Amount Result %Rec Result %Rec <0.00200	BTEX by EPA 8021B 3141652 Matrix: Solid 7714727-1-BLK LCS Sample Id: 7714727-1-BKS MB Spike LCS LCS LCSD LCSD LCSD Limits <0.00200	BTEX by EPA 8021B Preside 100 and 100 an	BTEX by EPA 8021B Prep Meth 3141652 Matrix: Solid Date Pr 7714727-1-BLK LCS Sample Id: 7714727-1-BKS LCSD Sample LCSD LCSD LCSD Solid Date Pr MB Spike LCS LCS LCSD LCSD LCSD LCSD Result %ReD RPD Limit <0.00200	BTEX by EPA 8021B Prep Method: SW 3141652 Matrix: Solid Date Prep: 11.0 7714727-1-BLK LCS Sample Id: 7714727-1-BKS LCSD Sample Id: 7714727-1-BKS MB Spike LCS LCS LCS LCSD LCSD Matrix: Solid CSD Sample Id: 7714727-1-BKS MB Spike LCS LCS LCSD LCSD LCSD KRPD RPD Units <0.00200	Prep Method: SW5035A S141652 Matrix: Solid Date Prep: 11.07.2020 7714727-1-BLK LCS sample Id: 7714727-1-BKS LCSD sample Id: 7714727-1-BKS MB Spike Result Amount Amount 0.0923 LCS LCSD LCSD LCSD LCSD LCSD LCSD RPPD RPD Limit Units Analysis Date Outline Prep: 11.07.2020 LCS LCSD LCSD LCSD LCSD Reput RPD RPD Limit Units Analysis Date Amount 0.0923 Q2 O.0811 81 70-130 13 35 mg/kg 11.07.2020 14:50 OLDS Spike OLDS Spike Analysis Date OLDS OLDS LCS LCS Spike Analysis OLDS Spike Spike Spike Spike Spike Spike Spike Spike Spike Spike

Analytical Method:	BTEX by EPA 8021	lB							Prep Method: SW5035A					
Seq Number:	3141652			Matrix:	Soil				Date Pr	rep: 11.0	07.2020			
Parent Sample Id:	676822-001		MS Sar	nple Id:	676822-00	01 S		MS	D Sampl	e Id: 676	822-001 SD			
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag		
Benzene	< 0.00199	0.0994	0.0812	82	0.0871	88	70-130	7	35	mg/kg	11.08.2020 02:26			
Toluene	< 0.00199	0.0994	0.0827	83	0.0886	89	70-130	7	35	mg/kg	11.08.2020 02:26			
Ethylbenzene	< 0.00199	0.0994	0.0873	88	0.0929	94	70-130	6	35	mg/kg	11.08.2020 02:26			
m,p-Xylenes	< 0.00398	0.199	0.174	87	0.184	93	70-130	6	35	mg/kg	11.08.2020 02:26			
o-Xylene	< 0.00199	0.0994	0.0863	87	0.0919	93	70-130	6	35	mg/kg	11.08.2020 02:26			
Surrogate			N %	IS Rec	MS Flag	MSD %Re) MSI c Flag) Li g	imits	Units	Analysis Date			
1,4-Difluorobenzene			ç) 9		101		70	-130	%	11.08.2020 02:26			

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

4-Bromofluorobenzene

 $\begin{array}{l} [D] = 100*(C-A) \ / \ B \\ RPD = 200* \ | \ (C-E) \ / \ (C+E) \ | \\ [D] = 100*(C) \ / \ [B] \\ Log \ Diff. = Log(Sample \ Duplicate) \ - \ Log(Original \ Sample) \end{array}$

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

102

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

.

11.08.2020 02:26

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103

70-130

%

Chain of Custody

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

	-																www.	xenco	.com		Page 1 o	of 1
Project Manager:	Joel Lowry				Bill to: (if differ	ent)	Aaron	Pachl	hofer					Work Order Comments								
Company Name:	Etech Envir	onmental an	d Safety		Company Na	ime:	Faske	n Oil a	and Ra	nch				Prog	gram: l	JST/PS	ат∏ Р	RP	Brow	nfield RF	R Sup	erfund
Address:	3100 Plains	Hwy			Address:									s	tate of	Projec	ct:					
City, State ZIP:	Lovington, M	M, 88260			City, State Z	IP:					Reporting:Level Level PST/US TR						US TR	f Lev	∕el ∏ ∕			
Phone:	575-396-23	78	- The second sec	Email:	Email Resu	ilts to: <u>I</u>	PM@	etech	env.co	<u>om</u> + C	lient			Deli	verable	s: EDI		,	ADaP	т 🗆 о	ther:	
Project Name:		Denton Tru	nkline	Ти	Irn Around						AN/	ALYSI	S REQ	UEST						Pres	ervative (Codes
Project Number:		11924	4	Rout	ine: 🗵						T				T	Τ	200000000000000000000000000000000000000			HNO3: HN	ł	
Project Location	R	ural Lea Co	unty, NM	Rush	n: 🗌	ev														H2S04: H2	2	
Sampler's Name:		Matthew G	Frieco	Due	Date:	vati														HCL: HL		
PO #:			·			esei														None: NO		
SAMPLE REC	EIPT	Temp Blank:	Yes No	Wet Ice:	Ye No	s/Pr		1												NaOH: Na		
Temperature (°C):	2.1	2.6	Th	nermometer	<u> </u>	liner	(B	MEX												MeOH: Me	•	
Received Intact:	<u>e</u>	es No	0	167		onta	802	0151												Zn Acetate	+ NaOH: 2	Zn
Cooler Custody Sea Sample Custody Se	als: Yes als: Yes	No NA	Correction Fac Total Containe	otor: ers:	05	er of C	SW 846	N 846 8	0 CI)											TAT starts lab, if	the day rec received by	evied by the 4:30pm
Sample Ide	ntification	Matrix	Date Sampled	Time Sampled	Depth	Numb	BTEX (;	TPH (S	CI- (450											Sam	ple Com	ments
W	-1	Soil	11/3/2020			1/NO	х	Х	X													
W	-2	Soil	11/3/2020			1/NO	х	X	X													
								<u> </u>										_				
								ļ														
1							 	ļ	<u> </u>	 												
	NIN MILLING				-		ļ		<u> </u>	ļ					_	_						
							1						·		_							
							<u> </u>	<u> </u>	<u> </u>									1				
Total 200.7 / Circle Metho	6010 200.	8 / 6020: al(s) to be a	8RCI nalvzed	RA 13PPI TCLP / SF	M Texas 11 PLP 6010: 8	A SRCRA	Sb As Sb	Ba As B	Be B Ba Be	Cd C Cd C	a Cr r Co	Co C Cu F	u Fe b Mn	Pb Mg Mo Ni	Mn 1 Se A	Mo Ni a Tl	K Se U	e Ag	SiO2	Na Sr Tl 331 / 245.1	ISnUV /7470/	/Zn 7471 : Ha
Notice: Signature of th	is document and	relinguishment	of samples consti	tutes a valid p	urchase order fr	om client	compa	ny to X	enco, it	s affiliate	s and s	ubcontra	actors. It	assigns s	tandard	terms a	and con	ditions				
of service. Xenco will h of Xenco. A minimum	be liable only for t charge of \$75.00 v	the cost of samp will be applied to	oles and shall not o each project and	assume any re a charge of \$	esponsibility for 5 for each samp	any losse le submit	es or ex Ited to X	penses (enco, l	incurre but not a	d by the analyzed	client if These	such lo terms w	sses are ill be enf	due to cir prced unle	cumstan ss prev	ces bey iousiy p	ond the egotiate	control d.				
Relinquished I	by: (Signature	e)	Received I	by: (Signat	ure)		Date	e/Time	9	Re	linqui	shed b	oy: (Sig	nature)		Fe	eived	by: (S	Signat	ure)	Date	e/Time
1 Mar	In	N)	R:			Bi	32	///-	3	2	SI	2				V	M	A	1	4	<u></u>	1
3 /										4							•			-	/	174
5										1												

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Received by OCD: 4/29/2021 7:44:55 AM



Final 1.001

Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Etech Environmental & Safety Solution, I	Acceptable Temperature Range: 0 - 6 degC							
Date/ Time Received: 11.04.2020 12.00.00 AM	Air and Metal samp	les Ac	ceptable Range: Ambient					
Work Order #: 676822	Temperature Measuring device used : IR-8							
Sample Rece	eipt Checklist		Comments					
#1 *Temperature of cooler(s)?	2	.6						
#2 *Shipping container in good condition?	Y	es						
#3 *Samples received on ice?	Y	es						
#4 *Custody Seals intact on shipping container/ cooler?	Ν	I/A						
#5 Custody Seals intact on sample bottles?	Ν	I/A						
#6*Custody Seals Signed and dated?	Ν	I/A						
#7 *Chain of Custody present?	Y	es						
#8 Any missing/extra samples?	Ν	lo						
#9 Chain of Custody signed when relinquished/ received?	Y	es						
#10 Chain of Custody agrees with sample labels/matrix?	Y	es						
#11 Container label(s) legible and intact?	Y	es						
#12 Samples in proper container/ bottle?	Y	es	BTEX was in bulk container					
#13 Samples properly preserved?	Y	es						
#14 Sample container(s) intact?	Y	es						
#15 Sufficient sample amount for indicated test(s)?	Y	es						
#16 All samples received within hold time?	Y	es						
#17 Subcontract of sample(s)?	Ν	I/A						
#18 Water VOC samples have zero headspace?	Ν	I/A						

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

Analyst:

PH Device/Lot#:

Checklist completed by: Billion Tal Brianna Teel

Date: 11.04.2020

Checklist reviewed by: Jessica Kramer

Date: 11.05.2020

Received by	, OCD:	4/29/2021	l 7:44:55 AM
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Certificate of Analysis Summary 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Denton Truckline

11.05.2020 17:07

RL

49.6

mg/kg

9860

11.05.2020 17:27

mg/kg

3670

RL

24.8

Project Id:	11924					Date Received	in Lab: Wed 11.04.2	2020 00:00
Contact:	PM					Repo	rt Date: 11.10.2020	07:47
Project Location:	Rural Lea County, NM					Project M	anager: Jessica Krar	ner
		Lab Id:	676823-001	676823-002	676823-003	676823-004	676823-005	676823-006
Analysis	Romuested	Field Id:	FS1	FS2	FS3	FS4	FS5	FS6
2 1 <i>n u y s i s i</i>	пециемеи	Depth:						
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00
Chlorid	le by EPA 300	Extracted:	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35

11.05.2020 17:01

3700

RL

25.0

mg/kg

BRL - Below Reporting Limit

Chloride

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

Analyzed:

Units/RL:

11.05.2020 16:54

RL

24.9

mg/kg

4220

Jessica Vramer

11.05.2020 17:41

RL

25.1

mg/kg

3410

11.05.2020 17:34

RL

24.9

mg/kg

2260

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Received by	, OCD:	4/29/2021	l 7:44:55 AM
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Certificate of Analysis Summary 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Denton Truckline

11.05.2020 18:01

947 X

RL

5.04

mg/kg

11.05.2020 18:21

RL

5.03

mg/kg

928

Project Id:	11924					Date Received	in Lab: Wed 11.04.	2020 00:00
Contact:	PM					Repo	rt Date: 11.10.2020	07:47
Project Location:	Rural Lea County, NM					Project M	anager: Jessica Krar	ner
		Lab Id:	676823-007	676823-008	676823-009	676823-010	676823-011	676823-012
Analysis	Ronwostod	Field Id:	FS7	FS8	FS9	FS10	FS11	FS12
2111119515	пецисыси	Depth:						
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00
Chlorie	de by EPA 300	Extracted:	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35

11.05.2020 17:54

RL

49.9

mg/kg

4550

11.05.2020 17:47

RL

25.2

mg/kg

3580

Analyzed:

Units/RL:

BRL - Below Reporting Limit

Chloride

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

11.05.2020 18:47

209

RL

4.98

mg/kg

11.05.2020 18:27

mg/kg

3520

RL

25.1

Jession KRAMER

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Received by	, OCD:	4/29/2021	l 7:44:55 AM
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Certificate of Analysis Summary 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Denton Truckline

11.05.2020 19:07

RL

24.8

mg/kg

2110

11.05.2020 19:14

mg/kg

3770

RL

24.8

Project Id:	11924					Date Received	in Lab: Wed 11.04.2	2020 00:00
Contact:	PM					Repo	rt Date: 11.10.2020	07:47
Project Location:	Rural Lea County, NM					Project M	anager: Jessica Krar	ner
		Lab Id:	676823-013	676823-014	676823-015	676823-016	676823-017	676823-018
Analysis	Romuested	Field Id:	FS13	FS14	FS15	FS16	FS17	FS18
2 1 1/4/95/5	Ксунсыси	Depth:						
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00
Chloric	le by EPA 300	Extracted:	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35	11.04.2020 16:35

11.05.2020 19:00

mg/kg

2040

RL

24.8

BRL - Below Reporting Limit

Chloride

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

Analyzed:

Units/RL:

11.05.2020 18:54

RL

24.8

mg/kg

2370

Jession KRAMER

11.05.2020 19:27

RL

25.2

mg/kg

3630

11.05.2020 19:20

mg/kg

6400

RL

Received by	, OCD:	4/29/2021	l 7:44:55 AM
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Certificate of Analysis Summary 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Denton Truckline

Project Id:	11924					Date Received	in Lab: Wed 11.04.2	2020 00:00			
Contact:	PM					Repo	rt Date: 11.10.2020	07:47			
Project Location:	Rural Lea County, NM		Project Manager: Jessica Kramer								
		Lab Id:	676823-019	676823-020	676823-021	676823-022	676823-023	676823-024			
Analysis Requested		Field Id:	FS19	FS20	FS21	FS22	FS23	FS24			
		Depth:									
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL			
		Sampled:	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00			
Chlorid	le by EPA 300	Extracted:	11.05.2020 16:20	11.05.2020 16:20	11.05.2020 16:20	11.05.2020 16:20	11.05.2020 16:20	11.05.2020 16:20			
		Analyzed:	11.05.2020 20:07	11.05.2020 20:27	11.05.2020 20:33	11.05.2020 20:40	11.05.2020 20:47	11.05.2020 21:07			

RL

49.8

mg/kg

2880

RL

25.0

mg/kg

3500

RL

25.2

mg/kg

2610

mg/kg

4550

BRL - Below Reporting Limit

Chloride

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

Units/RL:

mg/kg

2520

RL

24.9

RL

25.1

mg/kg

2600

RL

25.2

Jession KRAMER

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Received by OCD: 4/29/2021 7:44:55 AM

🔅 eurofins **Environment Testing** Xenco

Certificate of Analysis Summary 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Denton Truckline

Project Id: 11924 Date Received in Lab: Wed 11.04.2020 00:00 **Report Date:** 11.10.2020 07:47 PM **Contact:** Rural Lea County, NM Project Manager: Jessica Kramer **Project Location:** Lab Id: 676823-025 676823-026 676823-027 676823-028 676823-029 Field Id: FS25 FS26 FS27 FS28x FS29 T

Analysis Requested Field Ia		FS25		FS26		FS27		FS28x		FS29		FS30	
mulysis Requesieu	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	11.03.2020	00:00	11.03.2020 (00:00	11.03.2020	00:00	11.03.2020	00:00	11.03.2020 (00:00	11.03.2020	00:00
BTEX by EPA 8021B	Extracted:							11.07.2020	15:00				
	Analyzed:							11.08.2020	04:47				
	Units/RL:							mg/kg	RL				
Benzene								< 0.00202	0.00202				
Toluene								< 0.00202	0.00202				
Ethylbenzene								< 0.00202	0.00202				
m,p-Xylenes								< 0.00403	0.00403				
o-Xylene								< 0.00202	0.00202				
Total Xylenes								< 0.00202	0.00202				
Total BTEX								< 0.00202	0.00202				
Chloride by EPA 300	Extracted:	11.05.2020	16:20	11.05.2020 16:20		11.05.2020 16:20		11.05.2020 16:20		11.05.2020 16:20		11.05.2020 16:20	
	Analyzed:	11.05.2020	21:13	11.05.2020 2	21:20	11.05.2020	21:27	11.05.2020	21:33	11.05.2020 2	21:40	11.05.2020 22:00	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		2740	25.0	2330	24.8	2400	24.8	5150	50.3	4570	25.1	1430	25.1
TPH By SW8015 Mod	Extracted:							11.04.2020	16:00				
	Analyzed:							11.04.2020	18:39				
	Units/RL:							mg/kg	RL				
Gasoline Range Hydrocarbons (GRO)								<50.0	50.0				
Diesel Range Organics (DRO)								<50.0	50.0				
Motor Oil Range Hydrocarbons (MRO)								<50.0	50.0				
Total TPH								<50.0	50.0				

BRL - Below Reporting Limit

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

676823-030

Jession Vramer

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Received by OCD: 4/29/2021 7:44:55 AM

eurofins Environment Testing Xenco

Certificate of Analysis Summary 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Denton Truckline

Project Id:11924Contact:PMProject Location:Rural Lea County, NM

 Date Received in Lab:
 Wed 11.04.2020 00:00

 Report Date:
 11.10.2020 07:47

 Project Manager:
 Jessica Kramer

	Lab Id:	676823-0	31	676823-03	32	676823-0	33	676823-0	34	676823-03	35	676823-0)36
Analysis Requested	Field Id:	FS31x		FS32		FS33		FS34x		FS35		FS36	
Απαιγείε Κεγμεείεα	Depth:												
	Matrix:	SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	Sampled:	11.03.2020	00:00	11.03.2020 (00:00	11.03.2020	00:00	11.03.2020	00:00	11.03.2020 (00:00	11.03.2020	00:00
BTEX by EPA 8021B	Extracted:	11.07.2020	11.07.2020 15:00					11.07.2020	15:00				
	Analyzed:	11.08.2020	05:08					11.08.2020	05:28				
	Units/RL:	mg/kg	RL					mg/kg	RL				
Benzene		< 0.00200	0.00200					< 0.00199	0.00199				
Toluene		< 0.00200	0.00200					< 0.00199	0.00199				
Ethylbenzene		< 0.00200	0.00200					< 0.00199	0.00199				
m,p-Xylenes		< 0.00401	0.00401					< 0.00398	0.00398				
o-Xylene		< 0.00200	0.00200					< 0.00199	0.00199				
Total Xylenes		< 0.00200	0.00200					< 0.00199	0.00199				
Total BTEX		< 0.00200	0.00200					< 0.00199	0.00199				
Chloride by EPA 300	Extracted:	11.05.2020	16:20	11.05.2020 16:20		11.05.2020 16:20 11.05.2020 16:20		16:20	11.05.2020 16:20		11.05.2020 16:20		
	Analyzed:	11.05.2020	22:06	11.05.2020 2	22:26	11.05.2020	22:33	11.05.2020	22:40	11.05.2020 2	22:46	11.05.2020 22:53	
	Units/RL:	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL	mg/kg	RL
Chloride		2160	25.1	2950	25.3	902	25.2	3010	25.2	2640	25.0	3440	24.9
TPH By SW8015 Mod	Extracted:	11.04.2020	16:00					11.04.2020	16:00				
	Analyzed:	11.04.2020	18:58					11.04.2020	19:17				
	Units/RL:	mg/kg	RL					mg/kg	RL				
Gasoline Range Hydrocarbons (GRO)		<50.0	50.0					<49.9	49.9				
Diesel Range Organics (DRO)		198	50.0					<49.9	49.9				
Motor Oil Range Hydrocarbons (MRO)		89.4	50.0					<49.9	49.9				
Total TPH		287	50.0					<49.9	49.9				

BRL - Below Reporting Limit

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

Jession Vramer

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Received by	, OCD:	4/29/2021	l 7:44:55 AM
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Chloride by EPA 300

Chloride

Certificate of Analysis Summary 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Denton Truckline

11.06.2020 16:13

11.06.2020 19:20

RL

50.5

mg/kg

7190

11.06.2020 16:13

11.06.2020 19:36

RL

49.6

mg/kg

5140

11.06.2020 16:13

11.06.2020 19:41

RL

25.0

mg/kg

1740

Project Id: 11924 Date Received in Lab: Wed 11.04.2020 00:00 PM **Contact: Report Date:** 11.10.2020 07:47 Rural Lea County, NM Project Manager: Jessica Kramer **Project Location:** Lab Id: 676823-037 676823-038 676823-039 676823-040 676823-041 676823-042 Field Id: FS37 FS38 FS39 FS40 FS41 FS42 Analysis Requested Depth: Matrix: SOIL SOIL SOIL SOIL SOIL SOIL Sampled: 11.03.2020 00:00 11.03.2020 00:00 11.03.2020 00:00 11.03.2020 00:00 11.03.2020 00:00 11.03.2020 00:00

11.05.2020 16:20

11.05.2020 23:06

RL

25.2

mg/kg

4400

11.05.2020 16:20

11.05.2020 23:00

RL

50.4

mg/kg

5380

Extracted: Analyzed:

Units/RL:

BRL - Below Reporting Limit

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

11.06.2020 16:13

11.06.2020 19:46

RL

5.02

mg/kg

1050

Jession Vramer

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Received by	, OCD:	4/29/2021	l 7:44:55 AM
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Chloride by EPA 300

Chloride

Certificate of Analysis Summary 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Denton Truckline

11.03.2020 00:00

11.06.2020 16:13

11.06.2020 20:13

RL

25.0

mg/kg

4310

11.03.2020 00:00

11.06.2020 16:13

11.06.2020 20:18

RL

25.0

mg/kg

3800

11.03.2020 00:00

11.06.2020 16:13

11.06.2020 20:23

RL

25.2

mg/kg

2730

Project Id: 11924 Date Received in Lab: Wed 11.04.2020 00:00 PM **Contact: Report Date:** 11.10.2020 07:47 Rural Lea County, NM Project Manager: Jessica Kramer **Project Location:** Lab Id: 676823-043 676823-044 676823-045 676823-046 676823-047 676823-048 Field Id: FS43 FS44 FS45 FS46 FS47 FS48 Analysis Requested Depth: Matrix: SOIL SOIL SOIL SOIL SOIL SOIL

11.03.2020 00:00

11.06.2020 16:13

11.06.2020 20:07

RL

25.3

mg/kg

2060

BRL - Below Reporting Limit

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

Sampled:

Extracted: Analyzed:

Units/RL:

11.03.2020 00:00

11.06.2020 16:13

11.06.2020 19:52

RL

50.0

mg/kg

4870

Jession Vramer

11.03.2020 00:00

11.06.2020 16:13

11.06.2020 20:29

RL

49.8

mg/kg

5030

Received	by	OCD:	4/29/202	21 7:44:55 A	4M
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Certificate of Analysis Summary 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Denton Truckline

11.06.2020 20:55

RL

24.9

mg/kg

3490

11.06.2020 21:11

RL

25.0

mg/kg

3560

Project Id:	11924					Date Received	in Lab: Wed 11.04.2	2020 00:00				
Contact:	PM					Repo	rt Date: 11.10.2020	07:47				
Project Location:	Rural Lea County, NM		Project Manager: Jessica Kramer									
Analysis Requested		Lab Id:	676823-049	676823-050	676823-051	676823-052	676823-053	676823-054				
		Field Id:	FS49	FS50	FS51	FS52 FS53		FS54				
		Depth:										
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL				
		Sampled:	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00	11.03.2020 00:00				
Chloric	le by EPA 300	Extracted:	11.06.2020 16:13	11.06.2020 16:13	11.06.2020 16:13	11.06.2020 16:13	11.06.2020 16:13	11.06.2020 16:13				

11.06.2020 20:50

RL

25.1

mg/kg

3950

BRL - Below Reporting Limit

Chloride

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

Analyzed:

Units/RL:

11.06.2020 20:34

RL

49.7

mg/kg

5510 X

11.06.2020 21:21

RL

25.0

mg/kg

2470

Jessica Vramer

11.06.2020 21:16

RL

25.0

mg/kg

4530

Released to Imaging: 7/29/2021 1:39:45 PM

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Received	by	OCD:	4/29/202	21 7:44:55 A	4M
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Analysis Requested

Chloride

Chloride by EPA 300

Certificate of Analysis Summary 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Project Name: Denton Truckline

SOIL

11.03.2020 00:00

11.06.2020 16:13

11.06.2020 21:37

RL

24.8

mg/kg

3220

SOIL

11.03.2020 00:00

11.06.2020 16:13

11.06.2020 21:42

RL

24.8

mg/kg

2110

Date Received in Lab: Wed 11.04.2020 00:00 **Project Id:** 11924 PM **Report Date:** 11.10.2020 07:47 **Contact:** Rural Lea County, NM Project Manager: Jessica Kramer **Project Location:** Lab Id: 676823-055 676823-056 676823-057 676823-058 Field Id: FS55 FS56 FS57 FS58

SOIL

11.03.2020 00:00

11.06.2020 16:13

11.06.2020 21:32

RL

25.0

mg/kg

2700

BRL - Below Reporting Limit

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

Depth: Matrix:

Sampled:

Extracted: Analyzed:

Units/RL:

SOIL

11.03.2020 00:00

11.06.2020 16:13

11.06.2020 21:27

RL

25.2

mg/kg

2580

Received by OCD: 4/29/2021 7:44:55 AM



Analytical Report 676823

for

Etech Environmental & Safety Solution, Inc

Project Manager: PM

Denton Truckline

11924

11.10.2020

Collected By: Client



1211 W. Florida Ave Midland TX 79701

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

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

Xenco-El Paso (EPA Lab Code: TX00127): Texas (T104704221-20-18) Xenco-Lubbock (EPA Lab Code: TX00139): Texas (T104704219-20-23) Xenco-Midland (EPA Lab Code: TX00158): Texas (T104704400-19-21) Xenco-Carlsbad (LELAP): Louisiana (05092) Xenco-San Antonio (EPA Lab Code: TNI02385): Texas (T104704534-20-8) Xenco-Tampa: Florida (E87429), North Carolina (483) Received by OCD: 4/29/2021 7:44:55 AM

eurofins Environment Testing Xenco

11.10.2020

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

Reference: Eurofins Xenco, LLC Report No(s): **676823 Denton Truckline** Project Address: Rural Lea County, NM

PM :

We are reporting to you the results of the analyses performed on the samples received under the project name referenced above and identified with the Eurofins Xenco, LLC Report Number(s) 676823. All results being reported under this Report Number apply to the samples analyzed and properly identified with a Laboratory ID number. Subcontracted analyses are identified in this report with either the NELAC certification number of the subcontract lab in the analyst ID field, or the complete subcontracted report attached to this report.

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

The validity and integrity of this report will remain intact as long as it is accompanied by this letter and reproduced in full, unless written approval is granted by Eurofins Xenco, LLC. This report will be filed for at least 5 years in our archives after which time it will be destroyed without further notice, unless otherwise arranged with you. The samples received, and described as recorded in Report No. 676823 will be filed for 45 days, and after that time they will be properly disposed without further notice, unless otherwise arranged with you. We reserve the right to return to you any unused samples, extracts or solutions related to them if we consider so necessary (e.g., samples identified as hazardous waste, sample sizes exceeding analytical standard practices, controlled substances under regulated protocols, etc).

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

Respectfully,

fession kenner

Jessica Kramer Project Manager

A Small Business and Minority Company

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

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Sample Cross Reference 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id	Matrix	Date Collected	Sample Depth	Lab Sample Id
FS1	S	11.03.2020 00:00		676823-001
FS2	S	11.03.2020 00:00		676823-002
FS3	S	11.03.2020 00:00		676823-003
FS4	S	11.03.2020 00:00		676823-004
FS5	S	11.03.2020 00:00		676823-005
FS6	S	11.03.2020 00:00		676823-006
FS7	S	11.03.2020 00:00		676823-007
FS8	S	11.03.2020 00:00		676823-008
FS9	S	11.03.2020 00:00		676823-009
FS10	S	11.03.2020 00:00		676823-010
FS11	S	11.03.2020 00:00		676823-011
FS12	S	11.03.2020 00:00		676823-012
FS13	S	11.03.2020 00:00		676823-013
FS14	S	11.03.2020 00:00		676823-014
FS15	S	11.03.2020 00:00		676823-015
FS16	S	11.03.2020 00:00		676823-016
FS17	S	11.03.2020 00:00		676823-017
FS18	S	11.03.2020 00:00		676823-018
FS19	S	11.03.2020 00:00		676823-019
FS20	S	11.03.2020 00:00		676823-020
FS21	S	11.03.2020 00:00		676823-021
FS22	S	11.03.2020 00:00		676823-022
FS23	S	11.03.2020 00:00		676823-023
FS24	S	11.03.2020 00:00		676823-024
FS25	S	11.03.2020 00:00		676823-025
FS26	S	11.03.2020 00:00		676823-026
FS27	S	11.03.2020 00:00		676823-027
FS28x	S	11.03.2020 00:00		676823-028
FS29	S	11.03.2020 00:00		676823-029
FS30	S	11.03.2020 00:00		676823-030
FS31x	S	11.03.2020 00:00		676823-031
FS32	S	11.03.2020 00:00		676823-032
FS33	S	11.03.2020 00:00		676823-033
FS34x	S	11.03.2020 00:00		676823-034
FS35	S	11.03.2020 00:00		676823-035
FS36	S	11.03.2020 00:00		676823-036
FS37	S	11.03.2020 00:00		676823-037
FS38	S	11.03.2020 00:00		676823-038
FS39	S	11.03.2020 00:00		676823-039
FS40	S	11.03.2020 00:00		676823-040
FS41	S	11.03.2020 00:00		676823-041
FS42	S	11.03.2020 00:00		676823-042
FS43	S	11.03.2020 00:00		676823-043

Xenco

Environment Testing

🔅 eurofins

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

FS44	S	11.03.2020 00:00	676823-044
FS45	S	11.03.2020 00:00	676823-045
FS46	S	11.03.2020 00:00	676823-046
FS47	S	11.03.2020 00:00	676823-047
FS48	S	11.03.2020 00:00	676823-048
FS49	S	11.03.2020 00:00	676823-049
FS50	S	11.03.2020 00:00	676823-050
FS51	S	11.03.2020 00:00	676823-051
FS52	S	11.03.2020 00:00	676823-052
FS53	S	11.03.2020 00:00	676823-053
FS54	S	11.03.2020 00:00	676823-054
FS55	S	11.03.2020 00:00	676823-055
FS56	S	11.03.2020 00:00	676823-056
FS57	S	11.03.2020 00:00	676823-057
FS58	S	11.03.2020 00:00	676823-058

CASE NARRATIVE

Client Name: Etech Environmental & Safety Solution, Inc Project Name: Denton Truckline

Project ID: 11924 Work Order Number(s): 676823 Report Date: 11.10.2020 Date Received: 11.04.2020

Sample receipt non conformances and comments:

Sample receipt non conformances and comments per sample:

None

Analytical non conformances and comments:

Batch: LBA-3141562 Chloride by EPA 300

Lab Sample ID 676823-009 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered below QC limits in the Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 676823-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018.

The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Batch: LBA-3141654 Chloride by EPA 300

Lab Sample ID 676823-049 was randomly selected for Matrix Spike/Matrix Spike Duplicate (MS/MSD). Chloride recovered above QC limits in the Matrix Spike and Matrix Spike Duplicate. Outlier/s are due to possible matrix interference. Samples in the analytical batch are: 676823-039, -040, -041, -042, -043, - 044, -045, -046, -047, -048, -049, -050, -051, -052, -053, -054, -055, -056, -057, -058. The Laboratory Control Sample for Chloride is within laboratory Control Limits, therefore the data was accepted.

Certificate of Analytical Results 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id:	FS1		Matrix:	Soil		Date Received	1:11.04.2020 0	0:00
Lab Sample Io	l: 676823-001		Date Colle	cted: 11.03.2020 0	00:00			
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prepa	11.04.2020 1	6:35	% Moisture:	Wet Wet alt	
Seq Number:	3141562		-			Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	4220	24.9	mg/kg	11.05.2020 1	6:54	5

Certificate of Analytical Results 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id: Lab Sample Id	FS2 1: 676823-002		Matrix: Date Coll	Soil ected: 11.03.2020 00:00	1	Date Received	1:11.04.2020 0	0:00
Analytical Me Tech: Analyst:	thod: Chloride by EPA CHE CHE	300	Date Prep	: 11.04.2020 16:35		Prep Method: % Moisture: Basis:	E300P Wet Weight	
Seq Number: Parameter	3141562	Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	3700	25.0	mg/kg	11.05.2020 17	7:01	5

Certificate of Analytical Results 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id:	FS3		Matrix:	Soil		Date Received	1:11.04.2020	00:00
Lab Sample Io	l: 676823-003		Date Coll	ected: 11.03.2020 00:00)			
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.04.2020 16:35	i	% Moisture:	Wet Weish	
Seq Number:	3141562		-			Dasis.	wet weign	L
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	9860	49.6	mg/kg	11.05.2020 17	7:07	10

Certificate of Analytical Results 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id:	FS4		Matrix:	Soil		Date Received	1:11.04.2020 (00:00
Lab Sample Io	l: 676823-004		Date Colle	ected: 11.03.2020 00:00				
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.04.2020 16:35		% Moisture:	Wat Waight	
Seq Number:	3141562					Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	3670	24.8	mg/kg	11.05.2020 17	7:27	5

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Denton Truckline

Sample Id:	FS5		Matrix:		Soil		Date Received	1:11.04	4.2020 00:	00
Lab Sample Io	l: 676823-005		Date Colle	ected:	: 11.03.2020 00:00					
Analytical Me	ethod: Chloride by EPA	300					Prep Method:	E300	P	
Tech:	CHE									
Analyst:	CHE		Date Prep	:	11.04.2020 16:35		% Moisture:	Wat	Waiaht	
Seq Number:	3141562						Dasis.	wet	weight	
Parameter		Cas Number	Result	RL		Units	Analysis D	ate	Flag	Dil
Chloride		16887-00-6	2260	24	1.9	mg/kg	11.05.2020 1	7:34		5

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Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id:	FS6		Matrix:	Soil		Date Received	1:11.04.	2020 00:0	00
Lab Sample Io	1: 676823-006		Date Coll	ected: 11.03.2020 00:00					
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300F)	
Tech:	CHE								
Analyst:	CHE		Date Prep	: 11.04.2020 16:35		% Moisture:	Wat W	Vaiaht	
Seq Number:	3141562					Dasis.	wet w	veight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate	Flag	Dil
Chloride		16887-00-6	3410	25.1	mg/kg	11.05.2020 1	7:41		5

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Denton Truckline

Sample Id: Lab Sample Id	FS7 1: 676823-007		Matrix: Date Coll	Soil ected: 11.03.2020.00:00	1	Date Received	1:11.04.2020 0	0:00
Analytical Me Tech: Analyst:	thod: Chloride by EPA CHE CHE	300	Date Prep	: 11.04.2020 16:35		Prep Method: % Moisture: Basis:	E300P Wet Weight	
Seq Number: Parameter	3141562	Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	3580	25.2	mg/kg	11.05.2020 1	7:47	5

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Denton Truckline

Sample Id:	FS8		Matrix:	Soil		Date Received	1:11.04.2020 0	0:00
Lab Sample Io	l: 676823-008		Date Coll	ected: 11.03.2020 00:00)			
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.04.2020 16:35	i	% Moisture:	W-+ W-:-1+	
Seq Number:	3141562		-			Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	4550	49.9	mg/kg	11.05.2020 17	7:54	10

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Denton Truckline

	Date Coll	ected: 11.03.2020 00:00		Date Received	1.11.04.2020	00.00
00	Date Prep	: 11.04.2020 16:35		Prep Method: % Moisture: Basis:	E300P Wet Weig	ht
Cas Number	Result	RL	Units	Analysis Da	ate Flag	g Dil
)0 Cas Number 6887-00-6	Date Colle 00 Date Prep Cas Number Result 6887-00-6 947	Date Collected: 11.03.2020 00:00 Date Prep: 11.04.2020 16:35 Cas Number Result RL 6887-00-6 947 5.04	Date Collected: 11.03.2020 00:00 Dote Prep: 11.04.2020 16:35 Cas Number Result RL Units 6887-00-6 947 5.04 mg/kg	Date Collected: 11.03.2020 00:00 Dote Collected: 11.03.2020 00:00 Prep Method: Date Prep: 11.04.2020 16:35 % Moisture: Basis: Cas Number Result RL Units Analysis Date Date Date Date Date Date Date Date	Date Collected: 11.03.2020 00:00 00 Prep Method: E300P Date Prep: 11.04.2020 16:35 % Moisture: Basis: Wet Weig Cas Number Result RL Units Analysis Date Flag 6887-00-6 947 5.04 mg/kg 11.05.2020 18:01 X

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Denton Truckline

Sample Id:	FS10		Matrix:		Soil		Date Received	l:11.04	4.2020 00	:00
Lab Sample Io	l: 676823-010		Date Col	lected	: 11.03.2020 00:00					
Analytical Me	thod: Chloride by EPA	300					Prep Method:	E300)P	
Tech:	CHE									
Analyst:	CHE		Date Pre	p:	11.04.2020 16:35		% Moisture:	Wat	Weight	
Seq Number:	3141562						Da313.	wei	weight	
Parameter		Cas Number	Result	RL		Units	Analysis Da	ate	Flag	Dil
Chloride		16887-00-6	928	5.	03	mg/kg	11.05.2020 18	3:21		1

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id: Lab Sample Id	FS11 l: 676823-011		Matrix: Date Colle	Soil ected: 11.03.2020 00:00		Date Received	1:11.04.2020 0	0:00
Analytical Me Tech: Analyst:	thod: Chloride by EPA CHE CHE	300	Date Prep:	11.04.2020 16:35		Prep Method: % Moisture: Basis:	E300P Wet Weight	
Seq Number: Parameter	3141562	Cas Number	Result	RI.	Unite	Analysis D	ate Flag	Dil
Chloride		16887-00-6	3520	25.1	mg/kg	11.05.2020 1	8:27	5

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Denton Truckline

Sample Id:	FS12		Matrix:	Soil			Date Received	:11.04.2	020 00:0	0
Lab Sample Io	l: 676823-012		Date Coll	ected: 11.03.2	2020 00:00					
Analytical Me	thod: Chloride by EPA	300					Prep Method:	E300P		
Tech:	CHE									
Analyst:	CHE		Date Prep	: 11.04.2	2020 16:35		% Moisture:	Wet W	-:-1-4	
Seq Number:	3141562		-				Dasis.	wet we	eignt	
Parameter		Cas Number	Result	RL	U	Inits	Analysis Da	ite l	Flag	Dil
Chloride		16887-00-6	209	4.98	m	ig/kg	11.05.2020 18	3:47		1

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Denton Truckline

Sample Id:	FS13		Matrix:	Soil		Date Received	1:11.04.2020	00:00
Lab Sample Io	l: 676823-013		Date Colle	ected: 11.03.2020 00:00				
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.04.2020 16:35		% Moisture:	Wat Waisht	
Seq Number:	3141562		-			Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	2370	24.8	mg/kg	11.05.2020 1	8:54	5

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Denton Truckline

Sample Id:	FS14		Matrix:		Soil		Date Received:11.04.2020 00:00			00
Lab Sample Id: 676823-014			Date Collected: 11.03.2020 00:00							
Analytical Me	300					Prep Method: E300P				
Tech:	CHE									
Analyst:	CHE		Date Prep) :	11.04.2020 16:35		% Moisture:			
Seq Number:	3141562					Dasis. W		et weight		
Parameter		Cas Number	Result	RL		Units	Analysis D	ate	Flag	Dil
Chloride		16887-00-6	2040	24	l.8	mg/kg	11.05.2020 1	9:00		5

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Denton Truckline

Sample Id: FS15 Lab Sample Id: 676823-015			Matrix: Date Coll	Soil ected: 11.03.2020.00:00	Date Received:11.04.2020 00:00			
Analytical Method: Chloride by EPA 300 Tech: CHE Analyst: CHE Seq Number: 3141562		Date Prep	p: 11.04.2020 16:35	11.04.2020 16:35		Prep Method: E300P % Moisture: Basis: Wet Weight		
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil

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Denton Truckline

Sample Id:FS16Lab Sample Id:676823-016			Matrix: Soil Date Collected: 11.03.2020 00:00			Date Received:11.04.2020 00:00			
Analytical Me Tech:	thod: Chloride by EPA CHE	300				Prep Method:	E300P		
Analyst: Seq Number:	CHE 3141562		Date Prep:	11.04.2020 16:35		Basis:	Wet Weight		
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil	
Chloride		16887-00-6	3770	24.8	mg/kg	11.05.2020 1	9:14	5	
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Denton Truckline

Sample Id:	FS17		Matrix:	Soil		Date Received	1:11.04.2020 0	0:00
Lab Sample Io	l: 676823-017		Date Coll	ected: 11.03.2020 00:00				
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.04.2020 16:35		% Moisture:	W-+ W-:-1+	
Seq Number:	3141562					Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	6400	49.9	mg/kg	11.05.2020 1	9:20	10

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Denton Truckline

Sample Id:	FS18		Matrix:	Soil		Date Received	1:11.04.2020 0	0:00
Lab Sample Io	l: 676823-018		Date Coll	ected: 11.03.2020 00	:00			
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.04.2020 16	:35	% Moisture:	XX7 / XX7 * 1 /	
Seq Number:	3141562					Basis:	Wet Weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	3630	25.2	mg/kg	11.05.2020 1	9:27	5

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Denton Truckline

Sample Id:	FS19		Matrix:	Soil		Date Received	1:11.04.2020 (00:00
Lab Sample Io	l: 676823-019		Date Colle	ected: 11.03.2020 00:00)			
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.05.2020 16:20)	% Moisture:	Wet Weisht	
Seq Number:	3141564		-			Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	2520	24.9	mg/kg	11.05.2020 20	0:07	5

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Denton Truckline

Sample Id:	FS20		Matrix:	Soil		Date Received	1:11.04.2020 0	0:00
Lab Sample Io	l: 676823-020		Date Coll	ected: 11.03.2020 00:00)			
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.05.2020 16:20)	% Moisture:	W-4 W-:-1-4	
Seq Number:	3141564					Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	4550	49.8	mg/kg	11.05.2020 20	0:27	10

Released to Imaging: 7/29/2021 1:39:45 PM

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Denton Truckline

Sample Id:	FS21		Matrix:		Soil		Date Received	1:11.04	4.2020 00:	00
Lab Sample Io	l: 676823-021		Date Coll	ected	11.03.2020 00:00					
Analytical Me	ethod: Chloride by EPA	300					Prep Method:	E300	P	
Tech:	CHE									
Analyst:	CHE		Date Prep) :	11.05.2020 16:20		% Moisture:	Wat	Waiaht	
Seq Number:	3141564						Dasis.	wet	weight	
Parameter		Cas Number	Result	RL		Units	Analysis D	ate	Flag	Dil
Chloride		16887-00-6	2880	25	5.0	mg/kg	11.05.2020 20	0:33		5

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Denton Truckline

Sample Id:	FS22		Matrix:	Soil		Date Received	1:11.04.2020 (00:00
Lab Sample Io	l: 676823-022		Date Coll	ected: 11.03.2020 00:00)			
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.05.2020 16:20)	% Moisture:	Wet Weisht	
Seq Number:	3141564		-			Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	3500	25.2	mg/kg	11.05.2020 20	0:40	5

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Denton Truckline

Sample Id: Lab Sample Id	FS23 1: 676823-023		Matrix: Date Coll	Soil ected: 11.03.2020 00:00		2020 00:0	00		
Analytical Me Tech:	thod: Chloride by EPA CHE	300				Prep Method:	E300F)	
Analyst: Seq Number:	CHE 3141564		Date Prep	: 11.05.2020 16:20		% Moisture: Basis:	Wet W	Veight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate	Flag	Dil
Chloride		16887-00-6	2610	25.1	mg/kg	11.05.2020 20	0:47		5

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Denton Truckline

Sample Id: Lab Sample Id	FS24 1: 676823-024		Matrix: Date Coll	Soil ected: 11.03.2020 00:00		00:00		
Analytical Me Tech:	thod: Chloride by EPA CHE	300				Prep Method:	E300P	
Analyst: Seq Number:	CHE 3141564		Date Prep	: 11.05.2020 16:20		% Moisture: Basis:	Wet Weight	
Parameter		Cas Number	Result	RL	Units	Analysis Da	ate Flag	Dil
Chloride		16887-00-6	2600	25.2	mg/kg	11.05.2020 2	1:07	5

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Denton Truckline

Sample Id:	FS25		Matrix:	Soil		Date Received	1:11.04.202	20 00:00
Lab Sample Io	l: 676823-025		Date Coll	ected: 11.03.2020 00:00)			
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.05.2020 16:20)	% Moisture:	Wat Wai	~h+
Seq Number:	3141564					Dasis.	wet weig	gnt
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Fla	ng Dil
Chloride		16887-00-6	2740	25.0	mg/kg	11.05.2020 2	1:13	5

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Denton Truckline

Sample Id:	FS26		Matrix:	Soil		Date Received	1:11.04.2020 0	0:00
Lab Sample Io	l: 676823-026		Date Coll	ected: 11.03.2020 00:00)			
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.05.2020 16:20)	% Moisture:	Wat Waight	
Seq Number:	3141564					Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	2330	24.8	mg/kg	11.05.2020 2	1:20	5

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Denton Truckline

Sample Id: Lab Sample Id	FS27 1: 676823-027		Matrix: Date Coll	ected:	Soil 11.03.2020 00:00	Date Received:11.04.2020				00
Analytical Me Tech:	ethod: Chloride by EPA CHE	300					Prep Method:	E300	P	
Analyst: Seq Number:	CHE 3141564		Date Prep):	11.05.2020 16:20		% Moisture: Basis:	Wet	Weight	
Parameter		Cas Number	Result	RL		Units	Analysis D	ate	Flag	Dil
Chloride		16887-00-6	2400	24	4.8	mg/kg	11.05.2020 2	1:27		5

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Denton Truckline

Sample Id: FS28x Lab Sample Id: 676823-028			Matrix Date C	Matrix: Soil Date Collected: 11.03.2020 00:00				Date Received:11.04.2020 00:00			
Analytical Me	thod: Chloride by EF	PA 300					Prep Method:	E300]	Р		
Tech:	CHE						0/ 34 1				
Analyst:	CHE		Date P	rep:	11.05.2020 16:2	0	% Moisture: Basis:	Wet V	Weight		
Seq Number:	3141564						Zabis. Wet Weigh		weight		
Parameter		Cas Number	Result	RL		Units	Analysis D	ate	Flag	Dil	
Chloride		16887-00-6	5150	50	.3	mg/kg	11.05.2020 2	1:33		10	
Analytical Me Tech: Analyst: Seq Number:	thod: TPH By SW80 DVM ARM 3141411	15 Mod	Date P	rep:	11.04.2020 16:0	0	Prep Method: % Moisture: Basis:	SW80 Wet V	015P Weight		
Parameter		Cas Number	Result	RL		Units	Analysis D	ate	Flag	Dil	
Gasoline Range H	Hydrocarbons (GRO)	PHC610	<50.0	50	.0	mg/kg	11.04.2020 1	8:39	U	1	
Diesel Range Org	ganics (DRO)	C10C28DRO	<50.0	50	.0	mg/kg	11.04.2020 1	8:39	U	1	
Motor Oil Range H	vdrocarbons (MRO)	PHCG2835	<50.0	50	.0	mg/kg	11.04.2020 1	8:39	U	1	
Total TPH		PHC635	<50.0	50	.0	mg/kg	11.04.2020 1	8:39	U	1	
Surrogate			Cas Number	% Reco	very Units	Limits	s Analysis	Date	Flag		
1-Chlorooc	tane		111-85-3	97	%	70-130	11.04.2020	18:39			
o-Terpheny	1		84-15-1	115	%	70-130	11.04.2020	18:39			

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Denton Truckline

Sample Id: FS28x Lab Sample Id: 676823-028		Matrix: Date Collected	Soil l: 11.03.2020 00:00		Date Received	1:11.04.2020 0	0:00
Analytical Method: BTEX by EPA 802 Tech: KTL	21B				Prep Method:	SW5035A	
Analyst: KTL Seq Number: 3141652		Date Prep:	11.07.2020 15:00		Basis:	Wet Weight	
Parameter	Cas Number	Result RL		Units	Analysis Da	ate Flag	Dil

						•	U	
Benzene	71-43-2	< 0.00202	0.00202		mg/kg	11.08.2020 04:47	U	1
Toluene	108-88-3	< 0.00202	0.00202		mg/kg	11.08.2020 04:47	U	1
Ethylbenzene	100-41-4	< 0.00202	0.00202		mg/kg	11.08.2020 04:47	U	1
m,p-Xylenes	179601-23-1	< 0.00403	0.00403		mg/kg	11.08.2020 04:47	U	1
o-Xylene	95-47-6	< 0.00202	0.00202		mg/kg	11.08.2020 04:47	U	1
Total Xylenes	1330-20-7	< 0.00202	0.00202		mg/kg	11.08.2020 04:47	U	1
Total BTEX		< 0.00202	0.00202		mg/kg	11.08.2020 04:47	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	112	%	70-130	11.08.2020 04:47		
1,4-Difluorobenzene		540-36-3	102	%	70-130	11.08.2020 04:47		

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Denton Truckline

Sample Id:	FS29		Matrix:	Soil		Date Received	1:11.04.2020 0	00:00
Lab Sample Io	l: 676823-029		Date Coll	ected: 11.03.2020 00:00				
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.05.2020 16:20		% Moisture:	Wet Wet alt	
Seq Number:	3141564		-			Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	4570	25.1	mg/kg	11.05.2020 2	1:40	5

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Denton Truckline

Sample Id:	FS30		Matrix:	Soil		Date Received	1:11.04.2020 (00:00
Lab Sample Io	l: 676823-030		Date Coll	ected: 11.03.2020 00:00)			
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.05.2020 16:20)	% Moisture:	Wet Wetelet	
Seq Number:	3141564					Dasis:	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	1430	25.1	mg/kg	11.05.2020 22	2:00	5

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Denton Truckline

Sample Id:	FS31x		Matrix	: 5	Soil	Date Received:11.04.2020 00:00			00	
Lab Sample Id	: 676823-031		Date C	ollected:	1.03.2020 00:00)				
Analytical Met	thod: Chloride by EP	A 300					Prep Method:	E300P		
Tech:	CHE									
Analyst:	CHE		Date P	rep:	1.05.2020 16:20)	% Moisture:	Wet W	-:-1-4	
Seq Number:	3141564						Dasis.	wet we	eignt	
Parameter		Cas Number	Result	RL		Units	Analysis Da	ite l	Flag	Dil
Chloride		16887-00-6	2160	25.	1	mg/kg	11.05.2020 22	:06		5
Analytical Met Tech: Analyst: Seq Number:	thod: TPH By SW80 DVM ARM 3141411	15 Mod	Date P	rep:	1.04.2020 16:00)	Prep Method: % Moisture: Basis:	SW801 Wet We	5P eight	
Parameter		Cas Number	Result	RL		Units	Analysis Da	ite l	Flag	Dil
Gasoline Range H	Iydrocarbons (GRO)	PHC610	<50.0	50.)	mg/kg	11.04.2020 18	:58	U	1
Diesel Range Or	ganics (DRO)	C10C28DRO	198	50.)	mg/kg	11.04.2020 18	:58		1
Motor Oil Range H	lydrocarbons (MRO)	PHCG2835	89.4	50.)	mg/kg	11.04.2020 18	:58		1
Total TPH		PHC635	287	50.)	mg/kg	11.04.2020 18	:58		1
Surrogate			Cas Number	% Recov	ery Units	Limits	Analysis I	Date	Flag	
1-Chlorooct	ane		111-85-3	95	%	70-130	11.04.2020	18:58		
o-Terpheny	1		84-15-1	111	%	70-130	11.04.2020	18:58		

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Denton Truckline

Sample Id: F	S31x		Matrix:		Soil		Date Received	1:11.04	.2020 00:0	00
Lab Sample Id: 67	76823-031		Date Colle	ected	: 11.03.2020 00:00					
Analytical Method	d: BTEX by EPA 802	1B					Prep Method:	SW5	035A	
Analyst: KI	ΓL ΓL		Date Pren		11 07 2020 15:00		% Moisture:			
Seq Number: 31	41652		Date Trep.	•	11.07.2020 15.00		Basis:	Wet V	Weight	
Parameter		Cas Number	Result	RL		Units	Analysis Da	ate	Flag	Dil

						•	0	
Benzene	71-43-2	< 0.0020	0 0.00200		mg/kg	11.08.2020 05:08	U	1
Toluene	108-88-3	< 0.0020	0 0.00200		mg/kg	11.08.2020 05:08	U	1
Ethylbenzene	100-41-4	< 0.0020	0 0.00200		mg/kg	11.08.2020 05:08	U	1
m,p-Xylenes	179601-23-1	< 0.0040	1 0.00401		mg/kg	11.08.2020 05:08	U	1
o-Xylene	95-47-6	< 0.0020	0 0.00200		mg/kg	11.08.2020 05:08	U	1
Total Xylenes	1330-20-7	< 0.0020	0 0.00200		mg/kg	11.08.2020 05:08	U	1
Total BTEX		< 0.0020	0 0.00200		mg/kg	11.08.2020 05:08	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
1,4-Difluorobenzene		540-36-3	101	%	70-130	11.08.2020 05:08		
4-Bromofluorobenzene		460-00-4	110	%	70-130	11.08.2020 05:08		

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Denton Truckline

Sample Id:	FS32		Matrix:		Soil		Date Received	1:11.04	4.2020 00:	00
Lab Sample Io	l: 676823-032		Date Colle	ected:	: 11.03.2020 00:00					
Analytical Me	thod: Chloride by EPA	300					Prep Method:	E300	P	
Tech:	CHE									
Analyst:	CHE		Date Prep	:	11.05.2020 16:20		% Moisture:	Wat	Waiaht	
Seq Number:	3141564						Dasis.	wet	weight	
Parameter		Cas Number	Result	RL		Units	Analysis Da	ate	Flag	Dil
Chloride		16887-00-6	2950	25	5.3	mg/kg	11.05.2020 22	2:26		5

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Denton Truckline

Sample Id: Lab Sample Id	FS33 1: 676823-033		Matrix: Soil Date Collected: 11.03.2020 00:00				Date Received:11.04.2020 00:00			
Analytical Me Tech:	thod: Chloride by EPA CHE	300					Prep Method:	E300F	þ	
Analyst: Seq Number:	CHE 3141564		Date Prep) :	11.05.2020 16:20		% Moisture: Basis:	Wet V	Veight	
Parameter		Cas Number	Result	RL		Units	Analysis Da	ate	Flag	Dil
Chloride		16887-00-6	902	25.	2	mg/kg	11.05.2020 22	2:33		5

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Denton Truckline

Sample Id: FS34x Lab Sample Id: 676823-034		Matrix: Soil Date Collected: 11.03.2020 00:00			Date Received:11.04.2020 00:00			00
Analytical Method: Chloride by EF	'A 300					Prep Method: E	E300P	
Tech: CHE						0/ Maintana		
Analyst: CHE		Date Pr	ep: 11.05	.2020 16:20		% Moisture: Basis: v	Vet Weight	
Seq Number: 3141564						Dusis.	vet weight	
Parameter	Cas Number	Result	RL		Units	Analysis Date	e Flag	Dil
Chloride	16887-00-6	3010	25.2		mg/kg	11.05.2020 22:4	.0	5
Analytical Method: TPH By SW80 Tech: DVM Analyst: ARM	15 Mod					Prep Method: S	SW8015P	
Seq Number: 3141411		Date Pr	ep: 11.04	.2020 16:00		Basis: V	Vet Weight	
Seq Number: 3141411 Parameter	Cas Number	Result	ep: 11.04 RL	.2020 16:00	Units	Monsture: Basis: V Analysis Date	Vet Weight e Flag	Dil
Seq Number: 3141411 Parameter Gasoline Range Hydrocarbons (GRO)	Cas Number PHC610	Result	ep: 11.04 RL 49.9	.2020 16:00	Units mg/kg	Moisture: Basis: V Analysis Date	Vet Weight • Flag 7 U	Dil
Seq Number: 3141411 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO)	Cas Number PHC610 C10C28DRO	Result <49.9 <49.9	RL 49.9 49.9	.2020 16:00	Units mg/kg mg/kg	Moisture: Basis: V Analysis Date 11.04.2020 19:1 11.04.2020 19:1	Vet Weight Flag 7 U 7 U	Dil 1 1
Seq Number: 3141411 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO)	Cas Number PHC610 C10C28DRO PHCG2835	Result <49.9	ep: 11.04 RL 49.9 49.9 49.9 49.9	.2020 16:00	Units mg/kg mg/kg mg/kg	Moisture: Basis: V Analysis Date 11.04.2020 19:1 11.04.2020 19:1 11.04.2020 19:1	Wet Weight Flag 7 U 7 U 7 U 7 U	Dil 1 1 1
Seq Number: 3141411 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total TPH	Cas Number PHC610 C10C28DRO PHCG2835 PHC635	Result <49.9	ep: 11.04 RL 49.9 49.9 49.9 49.9 49.9	.2020 16:00	Units mg/kg mg/kg mg/kg	Moisture: Basis: V Analysis Date 11.04.2020 19:1 11.04.2020 19:1 11.04.2020 19:1	Wet Weight Flag 7 U 7 U 7 U 7 U 7 U	Dil 1 1 1 1
Seq Number: 3141411 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total TPH Surrogate	Cas Number PHC610 C10C28DRO PHCG2835 PHC635	Result <49.9	ep: 11.04 RL 49.9 49.9 49.9 49.9 % Recovery	.2020 16:00 Units	Units mg/kg mg/kg mg/kg mg/kg Limits	 Moisture: Basis: V Analysis Date 11.04.2020 19:1 11.04.2020 19:1 11.04.2020 19:1 11.04.2020 19:1 Malysis Date 	Vet Weight Flag Flag U U U U U U U U L L L L L	Dil 1 1 1 1
Seq Number: 3141411 Parameter Gasoline Range Hydrocarbons (GRO) Diesel Range Organics (DRO) Motor Oil Range Hydrocarbons (MRO) Total TPH Surrogate 1-Chlorooctane	Cas Number PHC610 C10C28DRO PHCG2835 PHC635 C 1	Result <49.9	ep: 11.04 <u>RL</u> 49.9 49.9 49.9 49.9 % Recovery 95	.2020 16:00 Units %	Units mg/kg mg/kg mg/kg Limits 70-130	 Moisture: Basis: V Analysis Date 11.04.2020 19:1 11.04.2020 19:1 11.04.2020 19:1 11.04.2020 19:1 Analysis Da 11.04.2020 19 	Wet Weight Flag 7 U 7 U 7 U 7 U 7 U 10 11 11 11 11 11 11 11 11 11	Dil 1 1 1 1

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Denton Truckline

Parameter		Cas Number	Result	RL		Units	Analysis D	ate	Flag	Dil
Seq Number:	3141652								, , eight	
Analyst:	KTL		Date Pre	ep:	11.07.2020 15:00		% Moisture: Basis:	Wet	Weight	
Tech:	KTL						0/ 14 .			
Analytical Me	ethod: BTEX by EPA 80	21B					Prep Method:	SW	5035A	
Lab Sample I	1: 676823-034		Date Co	llected	1:11.03.2020 00:00					
Tab Camala T	1. (7(000 004			11	1 11 02 2020 00 00					
Sample Id:	FS34x		Matrix:		Soil		Date Received	d:11.0	4.2020 00	:00

Benzene	71-43-2	< 0.00199	0.00199		mg/kg	11.08.2020 05:28	U	1
Toluene	108-88-3	< 0.00199	0.00199		mg/kg	11.08.2020 05:28	U	1
Ethylbenzene	100-41-4	< 0.00199	0.00199		mg/kg	11.08.2020 05:28	U	1
m,p-Xylenes	179601-23-1	< 0.00398	8 0.00398		mg/kg	11.08.2020 05:28	U	1
o-Xylene	95-47-6	< 0.00199	0.00199		mg/kg	11.08.2020 05:28	U	1
Total Xylenes	1330-20-7	< 0.00199	0.00199		mg/kg	11.08.2020 05:28	U	1
Total BTEX		< 0.00199	0.00199		mg/kg	11.08.2020 05:28	U	1
Surrogate		Cas Number	% Recovery	Units	Limits	Analysis Date	Flag	
4-Bromofluorobenzene		460-00-4	118	%	70-130	11.08.2020 05:28		
1,4-Difluorobenzene		540-36-3	96	%	70-130	11.08.2020 05:28		

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Denton Truckline

Sample Id:	FS35		Matrix:	Soil		Date Received	1:11.04.2020 00	0:00
Lab Sample Io	l: 676823-035		Date Coll	ected: 11.03.2020 00	0:00			
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.05.2020 16	6:20	% Moisture:	Wat Waight	
Seq Number:	3141564					Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis Da	ate Flag	Dil
Chloride		16887-00-6	2640	25.0	mg/kg	11.05.2020 22	2:46	5

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Denton Truckline

Sample Id:	FS36		Matrix:	Soil		Date Received	1:11.04.2020 (00:00
Lab Sample Io	l: 676823-036		Date Colle	ected: 11.03.2020 00:00				
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.05.2020 16:20		% Moisture:	Wat Waight	
Seq Number:	3141564					Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	3440	24.9	mg/kg	11.05.2020 22	2:53	5

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Denton Truckline

Sample Id:	FS37		Matrix:	Soil		Date Received	1:11.04.2020	00:00
Lab Sample Io	l: 676823-037		Date Coll	ected: 11.03.2020 00:00				
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	CHE		Date Prep	: 11.05.2020 16:20		% Moisture:	W/-4 W/-:-1-4	
Seq Number:	3141564		-			Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	5380	50.4	mg/kg	11.05.2020 2	3:00	10

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Denton Truckline

Sample Id:	FS38		Matrix:	Soil		Date Received	1:11.04.	2020 00:0	00
Lab Sample Io	l: 676823-038		Date Colle	ected: 11.03.2020 00:00					
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	•	
Tech:	CHE								
Analyst:	CHE		Date Prep	: 11.05.2020 16:20		% Moisture:	Wet W	<i>laight</i>	
Seq Number:	3141564					Dasis.	wetw	veignt	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate	Flag	Dil
Chloride		16887-00-6	4400	25.2	mg/kg	11.05.2020 22	3:06		5

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Denton Truckline

Sample Id: Lab Sample Id	FS39 d: 676823-039		Matrix: Date Coll	Soil ected: 11.03.2020 00:00)	Date Received	1:11.04.2020 0	0:00
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P	
Analyst: Seq Number:	SPC 3141654		Date Prep	: 11.06.2020 16:13		% Moisture: Basis:	Wet Weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	7190	50.5	mg/kg	11.06.2020 1	9:20	10

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Denton Truckline

Sample Id:	FS40		Matrix:	Soil		Date Received	d:11.04.202	20 00:00
Lab Sample Io	l: 676823-040		Date Colle	ected: 11.03.2020 00:00				
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	SPC		Date Prep:	11.06.2020 16:13		% Moisture:	Wet Wet	-1-4
Seq Number:	3141654		-			Dasis.	wet weig	gnt
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Fla	ag Dil
Chloride		16887-00-6	5140	49.6	mg/kg	11.06.2020 1	9:36	10

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Denton Truckline

Sample Id:	FS41		Matrix:	Soil		Date Received	1:11.04.2020 0	0:00
Lab Sample Io	l: 676823-041		Date Coll	ected: 11.03.2020 00:0)			
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	SPC		Date Prep	: 11.06.2020 16:13	3	% Moisture:	W-4 W-:-1-4	
Seq Number:	3141654		-			Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	1740	25.0	mg/kg	11.06.2020 1	9:41	5

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Denton Truckline

Sample Id:	FS42		Matrix:	Soil		Date Received	1:11.04.	2020 00:0)0
Lab Sample Io	1: 676823-042		Date Colle	ected: 11.03.2020 00:00					
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P	•	
Tech:	CHE								
Analyst:	SPC		Date Prep	: 11.06.2020 16:13		% Moisture:	Wet W	Vaiaht	
Seq Number:	3141654					Dasis.	wetw	eight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate	Flag	Dil
Chloride		16887-00-6	1050	5.02	mg/kg	11.06.2020 1	9:46		1

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Denton Truckline

Sample Id:	FS43		Matrix:	Soil		Date Received	1:11.04.2020 (00:00
Lab Sample Io	l: 676823-043		Date Colle	ected: 11.03.2020 00:00				
Analytical Me	thod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	SPC		Date Prep	11.06.2020 16:13		% Moisture:	Wet Wetcht	
Seq Number:	3141654					Dasis:	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	4870	50.0	mg/kg	11.06.2020 1	9:52	10

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Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id:	FS44		Matrix:	Soil		Date Received	1:11.04.2020 00):00
Lab Sample Io	l: 676823-044		Date Coll	ected: 11.03.2020	00:00			
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	SPC		Date Prep	: 11.06.2020	16:13	% Moisture:	Wet Wet alt	
Seq Number:	3141654		-			Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis Da	ate Flag	Dil
Chloride		16887-00-6	2060	25.3	mg/kg	11.06.2020 20):07	5

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Denton Truckline

Sample Id:	FS45		Matrix:	Soil		Date Received	1:11.04.2020	00:00
Lab Sample Io	l: 676823-045		Date Coll	ected: 11.03.2020 00:00)			
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	SPC		Date Prep	: 11.06.2020 16:13	3	% Moisture:	X 7 / X 7 * 1/	
Seq Number:	3141654					Basis:	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	4310	25.0	mg/kg	11.06.2020 20	0:13	5

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Denton Truckline

Sample Id:	FS46		Matrix:	Soil		Date Received	1:11.04.2020 (00:00
Lab Sample Io	l: 676823-046		Date Coll	ected: 11.03.2020 00:00)			
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	SPC		Date Prep	: 11.06.2020 16:13	3	% Moisture:	W 7 (W 7 ¹ 1 (
Seq Number:	3141654		-			Dasis:	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	3800	25.0	mg/kg	11.06.2020 20	0:18	5

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Denton Truckline

Sample Id:	FS47		Matrix:	Soil		Date Received:11.04.2020 00:00		
Lab Sample Id: 676823-047			Date Collected: 11.03.2020 00:00					
Analytical Method: Chloride by EPA 300						Prep Method:	E300P	
Tech:	CHE							
Analyst:	SPC		Date Prep	: 11.06.2020 16:13	;	% Moisture:	Wet Weisht	
Seq Number:	3141654		-			Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	2730	25.2	mg/kg	11.06.2020 20	0:23	5

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Denton Truckline

Sample Id:	FS48		Matrix:	Soil		Date Received:11.04.2020 00:00		
Lab Sample Id: 676823-048			Date Collected: 11.03.2020 00:00					
Analytical Method: Chloride by EPA 300						Prep Method:	E300P	
Tech:	CHE							
Analyst:	SPC		Date Prep	: 11.06.2020 16:13	5	% Moisture:	W-+ W-:-1+	
Seq Number:	3141654					Dasis:	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	5030	49.8	mg/kg	11.06.2020 20	0:29	10

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Denton Truckline

Sample Id:	FS49		Matrix:	Soil		Date Received:11.04.2020 00:00			00
Lab Sample Id: 676823-049			Date Collected: 11.03.2020 00:00						
Analytical Method: Chloride by EPA 300						Prep Method: E300P			
Tech:	CHE						Wet Weight		
Analyst:	SPC		Date Prepa	11.06.2020 16:13		% Moisture:			
Seq Number:	3141654		-			Dasis.			
Parameter		Cas Number	Result	RL	Units	Analysis Da	ate	Flag	Dil
Chloride		16887-00-6	5510	49.7	mg/kg	11.06.2020 20	0:34	Х	10
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Denton Truckline

Sample Id:	FS50		Matrix:	Soil	Date Received:11.04.2020 00:00					
Lab Sample Io	1: 676823-050	ected: 11.03.2020 00:00								
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P			
Tech:	CHE									
Analyst:	SPC		Date Prep	11.06.2020 16:13		% Moisture:	W7 / W7			
Seq Number:	3141654					Dasis:	wet w	eight		
Parameter		Cas Number	Result	RL	Units	Analysis D	ate 1	Flag	Dil	
Chloride		16887-00-6	3950	25.1	mg/kg	11.06.2020 2	0:50		5	

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Denton Truckline

Sample Id:	FS51		Matrix:		Soil		Date Received	l:11.04	.2020 00:0	00
Lab Sample Io		Date Coll	lected:	11.03.2020 00:00						
Analytical Me	300					Prep Method:	E3001	Р		
Tech:	CHE									
Analyst:	SPC		Date Prep) :	11.06.2020 16:13		% Moisture:	W 4 V	¥7-:-1-4	
Seq Number:	3141654		-				Dasis.	wet	weight	
Parameter		Cas Number	Result	RL		Units	Analysis Da	ate	Flag	Dil
Chloride		16887-00-6	3490	24	.9	mg/kg	11.06.2020 20):55		5

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Denton Truckline

Sample Id:	FS52	Matrix: Soil							Date Received:11.04.2020 00:00				
Lab Sample Id: 676823-052Date Collected: 11.03.2020													
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P						
Tech:	CHE												
Analyst:	SPC		Date Prep	: 11.06.2020 16:1	3	% Moisture:	W-+ W-:	-1-4					
Seq Number:	3141654		-			Dasis.	wet wei	gnt					
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Fl	ag	Dil				
Chloride		16887-00-6	3560	25.0	mg/kg	11.06.2020 2	1:11		5				

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Denton Truckline

Sample Id:	FS53			Date Received:11.04.2020 00:00					
Lab Sample Io	1: 676823-053		Date Coll	ected: 11.03.2020 00:00)				
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P		
Tech:	CHE								
Analyst:	SPC		Date Prep	: 11.06.2020 16:13		% Moisture:	Wet Wet al		
Seq Number:	3141654		-			Dasis.	wet weign	L	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil	
Chloride		16887-00-6	4530	25.0	mg/kg	11.06.2020 2	1:16	5	

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Denton Truckline

Sample Id:	FS54		Soil		Date Received	d:11.04.2020	00:00	
Lab Sample Io	l: 676823-054		Date Coll	ected: 11.03.2020 00:0)			
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P	
Tech:	CHE							
Analyst:	SPC		Date Prep	: 11.06.2020 16:13	3	% Moisture:	W-4 W-:-14	
Seq Number:	3141654		-			Dasis.	wet weight	
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	2470	25.0	mg/kg	11.06.2020 2	1:21	5

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Denton Truckline

Sample Id: Lab Sample Id	FS55 1: 676823-055		Matrix: Date Coll	Soil ected: 11.03.2020 00:00		Date Received:11.04.2020 00:00			
Analytical Me Tech:	ethod: Chloride by EPA CHE	300				Prep Method:	E300P		
Analyst: Seq Number:	SPC 3141654		Date Prep	: 11.06.2020 16:13		% Moisture: Basis:	Wet Weight		
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil	
Chloride		16887-00-6	2580	25.2	mg/kg	11.06.2020 2	1:27	5	

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Denton Truckline

Sample Id:	FS56		Matrix:	Soil		Date Received:11.04.2020 00:00				
Lab Sample Io	1: 676823-056		Date Coll	ected: 11.03.2020 00:0)					
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P			
Tech:	CHE									
Analyst:	SPC		Date Prep	: 11.06.2020 16:13	3	% Moisture:	W-4 W-:-1-4			
Seq Number:	3141654		-			Dasis:	wet weight			
Parameter		Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil		
Chloride		16887-00-6	2700	25.0	mg/kg	11.06.2020 2	1:32	5		

Certificate of Analytical Results 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id: Lab Sample Id	FS57 1: 676823-057		Matrix: Date Colle	Soil ected: 11.03.2020 00:0	0	Date Received	1:11.04.2020 00):00
Analytical Me Tech: Analyst:	thod: Chloride by EPA CHE SPC	300	Date Prep	: 11.06.2020 16:1	3	Prep Method: % Moisture: Basis:	E300P Wet Weight	
Seq Number: Parameter	3141654	Cas Number	Result	RL	Units	Analysis D	ate Flag	Dil
Chloride		16887-00-6	3220	24.8	mg/kg	11.06.2020 2	1:37	5

Certificate of Analytical Results 676823

Etech Environmental & Safety Solution, Inc, Midland, TX

Denton Truckline

Sample Id:	FS58		Matrix:	Soil	Soil Date Received:11.04.2020 00:00					
Lab Sample Io	1: 676823-058		Date Colle	ected: 11.03.2020 00:00)					
Analytical Me	ethod: Chloride by EPA	300				Prep Method:	E300P			
Tech:	CHE									
Analyst:	SPC		Date Prep	: 11.06.2020 16:13		% Moisture:	W-+ W-:-1+			
Seq Number:	3141654					Dasis:	wet weight			
Parameter		Cas Number	Result	RL	Units	Analysis Da	ate Flag	Dil		
Chloride		16887-00-6	2110	24.8	mg/kg	11.06.2020 2	1:42	5		

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- X In our quality control review of the data a QC deficiency was observed and flagged as noted. MS/MSD recoveries were found to be outside of the laboratory control limits due to possible matrix /chemical interference, or a concentration of target analyte high enough to affect the recovery of the spike concentration. This condition could also affect the relative percent difference in the MS/MSD.
- **B** A target analyte or common laboratory contaminant was identified in the method blank. Its presence indicates possible field or laboratory contamination.
- **D** The sample(s) were diluted due to targets detected over the highest point of the calibration curve, or due to matrix interference. Dilution factors are included in the final results. The result is from a diluted sample.
- E The data exceeds the upper calibration limit; therefore, the concentration is reported as estimated.
- **F** RPD exceeded lab control limits.
- J The target analyte was positively identified below the quantitation limit and above the detection limit.
- U Analyte was not detected.
- L The LCS data for this analytical batch was reported below the laboratory control limits for this analyte. The department supervisor and QA Director reviewed data. The samples were either reanalyzed or flagged as estimated concentrations.
- **H** The LCS data for this analytical batch was reported above the laboratory control limits. Supporting QC Data were reviewed by the Department Supervisor and QA Director. Data were determined to be valid for reporting.
- K Sample analyzed outside of recommended hold time.
- **JN** A combination of the "N" and the "J" qualifier. The analysis indicates that the analyte is "tentatively identified" and the associated numerical value may not be consistent with the amount actually present in the environmental sample.

** Surrogate recovered outside laboratory control limit.

BRL	Below Reporting Limit.	ND Not Detected.			
RL	Reporting Limit				
MDL	Method Detection Limit	SDL Sample Det	ection Limit	LOD Limit of Detection	
PQL	Practical Quantitation Limit	MQL Method Qua	antitation Limit	LOQ Limit of Quantitation	n
DL	Method Detection Limit				
NC	Non-Calculable				
SMP	Client Sample		BLK	Method Blank	
BKS/I	LCS Blank Spike/Laboratory	Control Sample	BKSD/LCSD	Blank Spike Duplicate/Labor	catory Control Sample Duplicate
MD/S	D Method Duplicate/Samp	le Duplicate	MS	Matrix Spike	MSD: Matrix Spike Duplicate
+ NE	LAC certification not offered	for this compound.			

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

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QC Summary 676823

Etech Environmental & Safety Solution, Inc

Denton Truckline

	Chloride by EPA	300						Pr	ep Metho	od: E30)0P	
Seq Number:	3141562			Matrix:	Solid				Date Pro	ep: 11.0	04.2020	
MB Sample Id:	7714516-1-BLK		LCS Sar	nple Id:	7/14516-	I-BKS		LCSI) Sample	e Id: 771	4516-1-BSD	
Parameter	MI Resul	B Spike t Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride	<5.0	0 250	265	106	267	107	90-110	1	20	mg/kg	11.05.2020 16:14	
Analytical Method:	Chloride by EPA	300		M-4	C - 1: J			Pr	ep Metho	od: E30	00P	
MB Sample Id:	5141304 7714518 1 BLV		I CS Sar	male Id	7714518-	I-BKS		LCSI	Date Pro	ep: 11.0	4518-1-BSD	
Wib Sample Id.	//14510-1-DLK) <u>Culles</u>	LCS	LCS	LCOD	LCOD	T inside		DDD	Unita	Analysis	
Parameter	Resul	t Amount	Result	%Rec	LCSD Result	LCSD %Rec	Limits	%RPD	Limit	Units	Date	Flag
Chloride	<5.0	0 250	260	104	260	104	90-110	0	20	mg/kg	11.05.2020 19:54	
Analytical Method:	Chloride by EPA	300		Madailari	G - 1: J			Pr	ep Metho	od: E30	00P	
MB Sample Id:	5141054 7714535-1-BLK		LCS Sar	matrix:	50110 7714535-	I-BKS		LCSI	Date Pro	ep: 11.0	4535-1-BSD	
Parameter	MI Bowy	8 Spike	LCS Dar		LCSD		Limits	%RPD	RPD Limit	Units	Analysis	Flag
Chloride	<5.0	0 250	264	106	262	105	90-110	1	20	mg/kg	11.06.2020 19:09	
Analytical Method: Seq Number:	Chloride by EPA 3141562	300		Matrix:	Soil			Pr	ep Metho Date Pro	od: E30 ep: 11.0	00P 04.2020	
Analytical Method: Seq Number: Parent Sample Id:	Chloride by EPA 3141562 676822-001	300	MS Sar	Matrix: nple Id:	Soil 676822-00	01 S		Pr MSI	ep Metho Date Pro D Sample	od: E30 ep: 11.0 e Id: 676	00P 04.2020 0822-001 SD	
Analytical Method: Seq Number: Parent Sample Id: Parameter	Chloride by EPA 3141562 676822-001 Paren Resul	300 t Spike t Amount	MS Sar MS Result	Matrix: nple Id: MS %Rec	Soil 676822-00 MSD Result	01 S MSD %Rec	Limits	Pr MSI %RPD	ep Metho Date Pro D Sample RPD Limit	od: E30 ep: 11.0 e Id: 676 Units	00P 04.2020 822-001 SD Analysis Date	Flag
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride	Chloride by EPA 3141562 676822-001 Paren Resul 9.0	300 t Spike t Amount 6 252	MS Sar MS Result 304	Matrix: nple Id: MS %Rec 117	Soil 676822-00 MSD Result 285	01 S MSD %Rec 110	Limits 90-110	Pr MSI %RPD 6	ep Metho Date Pro D Sample RPD Limit 20	od: E30 ep: 11.0 e Id: 676 Units mg/kg	00P 04.2020 1822-001 SD Analysis Date 11.05.2020 16:34	Flag X
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number:	Chloride by EPA 3141562 676822-001 Paren Resul 9.0 Chloride by EPA 3141562	300 t Spike t Amount 6 252 300	MS Sar MS Result 304	Matrix: nple Id: MS %Rec 117 Matrix:	Soil 676822-00 MSD Result 285 Soil	01 S MSD %Rec 110	Limits 90-110	Pr MSI %RPD 6 Pr	ep Metho Date Pro D Sample RPD Limit 20 ep Metho Date Pro	od: E30 ep: 11.0 e Id: 676 Units mg/kg od: E30 ep: 11.0	00P 04.2020 (822-001 SD Analysis Date 11.05.2020 16:34	Flag X
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id:	Chloride by EPA 3141562 676822-001 Paren Resul 9.0 Chloride by EPA 3141562 676823-009	300 t Spike t Amount 6 252 300	MS Sar MS Result 304 MS Sar	Matrix: nple Id: MS %Rec 117 Matrix: nple Id:	Soil 676822-00 MSD Result 285 Soil 676823-00	01 S MSD %Rec 110	Limits 90-110	Pr MSI %RPD 6 Pr MSI	ep Metho Date Pro D Sample RPD Limit 20 Pep Metho Date Pro D Sample	od: E30 ep: 11.0 e Id: 676 Units mg/kg od: E30 ep: 11.0 e Id: 676	00P 04.2020 822-001 SD Analysis Date 11.05.2020 16:34 00P 04.2020 823-009 SD	Flag X
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Parameter	Chloride by EPA 3141562 676822-001 Paren Resul 9.0 Chloride by EPA 3141562 676823-009 Paren Resul	300 t Spike t Amount 6 252 300 t Spike t Amount	MS Sar MS Result 304 MS Sar MS Result	Matrix: nple Id: MS %Rec 117 Matrix: nple Id: MS %Rec	Soil 676822-00 MSD Result 285 Soil 676823-00 MSD Result	01 S MSD %Rec 110 09 S MSD %Rec	Limits 90-110 Limits	Pr MSI %RPD 6 Pr MSI %RPD	ep Metho Date Pro D Sample RPD Limit 20 Pep Metho Date Pro D Sample RPD Limit	od: E30 ep: 11.0 e Id: 676 Units mg/kg od: E30 ep: 11.0 e Id: 676 Units	00P 04.2020 (822-001 SD Analysis Date 11.05.2020 16:34 00P 04.2020 (823-009 SD Analysis Date	Flag X Flag
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride	Chloride by EPA 3141562 676822-001 Paren Resul 9.0 Chloride by EPA 3141562 676823-009 Paren Resul 94	 300 t Spike t Amount 6 252 300 t Spike t Amount 7 252 	MS Sar MS Result 304 MS Sar MS Result 1180	Matrix: nple Id: MS %Rec 117 Matrix: nple Id: MS %Rec 92	Soil 676822-00 MSD Result 285 Soil 676823-00 MSD Result 1170	01 S MSD %Rec 110 09 S MSD %Rec 88	Limits 90-110 Limits 90-110	Pr MSI %RPD 6 Pr MSI %RPD 1	ep Metho Date Pro O Sample RPD Limit 20 ep Metho Date Pro O Sample RPD Limit 20	od: E3(ep: 11.0 e Id: 676 Units mg/kg od: E3(ep: 11.0 e Id: 676 Units mg/kg	00P 04.2020 (822-001 SD Analysis Date 11.05.2020 16:34 00P 04.2020 (823-009 SD Analysis Date 11.05.2020 18:07	Flag X Flag X
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number:	Chloride by EPA 3141562 676822-001 Paren Resul 9.0 Chloride by EPA 3141562 676823-009 Paren Resul 94 Chloride by EPA 3141564	300 t Spike t Amount 6 252 300 t Spike t Amount 7 252 300	MS Sar MS Result 304 MS Sar MS Result 1180	Matrix: nple Id: MS %Rec 117 Matrix: nple Id: MS %Rec 92 Matrix:	Soil 676822-00 MSD Result 285 Soil 676823-00 MSD Result 1170	01 S MSD %Rec 110 09 S MSD %Rec 88	Limits 90-110 Limits 90-110	Pr MSI %RPD 6 Pr MSI %RPD 1 Pr	ep Metho Date Pro Sample RPD Limit 20 ep Metho Date Pro Sample RPD Limit 20 ep Metho Date Pro	od: E30 ep: 11.0 e Id: 676 Units mg/kg od: E30 ep: 11.0 e Id: 676 Units mg/kg od: E30 ep: 11.0	00P 04.2020 (822-001 SD Analysis Date 11.05.2020 16:34 00P 04.2020 (823-009 SD Analysis Date 11.05.2020 18:07	Flag X Flag X
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id:	Chloride by EPA 3141562 676822-001 Paren Resul 9.0 Chloride by EPA 3141562 676823-009 Paren Resul 94 Chloride by EPA 3141564 676823-019	300 t Spike t Amount 6 252 300 t Spike t Amount 7 252 300	MS Sar MS Result 304 MS Sar MS Result 1180	Matrix: nple Id: MS %Rec 117 Matrix: nple Id: 92 Matrix: nple Id:	Soil 676822-00 MSD Result 285 Soil 676823-00 MSD Result 1170 Soil 676823-0	01 S MSD %Rec 110 09 S MSD %Rec 88 19 S	Limits 90-110 Limits 90-110	Pr MSI %RPD 6 Pr MSI %RPD 1 Pr MSI	ep Metho Date Pro Sample RPD Limit 20 ep Metho Sample RPD Limit 20 ep Metho Date Pro Date Pro Complete RPD	od: E30 ep: 11.0 Vnits mg/kg od: E30 ep: 11.0 e Id: 676 Units mg/kg od: E30 ep: 11.0 e Id: 676	00P 04.2020 (822-001 SD Analysis Date 11.05.2020 16:34 00P 04.2020 (823-009 SD Analysis Date 11.05.2020 18:07	Flag X Flag X
Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id: Parameter Chloride Analytical Method: Seq Number: Parent Sample Id:	Chloride by EPA 3141562 676822-001 Paren Resul 9.0 Chloride by EPA 3141562 676823-009 Paren Resul 94 Chloride by EPA 3141564 676823-019 Paren Resul	300 t Spike t Amount 6 252 300 t Spike t Amount 7 252 300 t Spike t Amount	MS Sar MS Result 304 MS Sar MS Result 1180 MS Sar MS Result	Matrix: nple Id: MS %Rec 117 Matrix: nple Id: MS %Rec 92 Matrix: nple Id: MS %Rec	Soil 676822-00 MSD Result 285 Soil 676823-00 MSD Result 1170 Soil 676823-00 MSD Result	01 S MSD %Rec 110 09 S MSD %Rec 88 19 S MSD %Rec	Limits 90-110 Limits 90-110 Limits	Pr MSI %RPD 6 Pr MSI %RPD 1 Pr MSI %RPD	ep Metho Date Pro D Sample RPD Limit 20 ep Metho Date Pro D Sample RPD Limit 20 ep Metho Date Pro Date Pro Date Pro Date Pro Date Pro	od: E30 ep: 11.0 e Id: 676 Units mg/kg od: E30 ep: 11.0 e Id: 676 Units mg/kg od: E30 ep: 11.0 e Id: 676 Units	00P 04.2020 (822-001 SD Analysis Date 11.05.2020 16:34 00P 04.2020 (823-009 SD Analysis Date 11.05.2020 18:07 00P 05.2020 (823-019 SD Analysis Date	Flag X Flag X

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

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

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Released to Imaging: 7/29/2021 1:39:45 PM

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Final 1.000

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QC Summary 676823

Etech Environmental & Safety Solution, Inc

Denton Truckline

Analytical Method: Seq Number: Parent Sample Id:	Chloride by 3141564 676823-029	7 EPA 30	0] MS San	Matrix: nple Id:	Soil 676823-02	9 S		Pr MSI	ep Metho Date Pre D Sample	od: E30 ep: 11.0 Id: 676	0P 5.2020 823-029 SD	
Parameter		Parent	Spike Amount	MS Result	MS %Bec	MSD Bogult	MSD	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		4570	1260	5870	103	5810	98	90-110	1	20	mg/kg	11.05.2020 21:47	
Analytical Method: Seq Number: Parent Sample Id:	Chloride by 3141654 676823-039	7 EPA 30	0] MS San	Matrix:	Soil 676823-03	9 S		Pr MSI	ep Metho Date Pre D Sample	od: E30 ep: 11.0 Id: 676	0P 6.2020 823-039 SD	
Parameter	0,0020 002	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Besult	MSD	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Chloride		7190	2530	9820	104	9870	106	90-110	1	20	mg/kg	11.06.2020 19:25	
Analytical Method: Seq Number: Parent Sample Id:	Chloride by 3141654 676823-049	7 EPA 30	0] MS San	Matrix: nple Id:	Soil 676823-04	.9 S		Pr MSI	ep Metho Date Pre D Sample	od: E30 p: 11.0 Id: 676	0P 6.2020 823-049 SD	
Parameter		Parent	Spike	MS	MS	MSD	MSD	Limits	%RPD	RPD	Units	Analysis	Flag
Chloride		5510	Amount 2490	8710	% Rec 129	Result 8780	%Rec 131	90-110	1	20	mg/kg	Date 11.06.2020 20:39	Х
Analytical Method: Seq Number:	TPH By SW 3141411	V8015 M	od] LCS San	Matrix:	Solid	BKS		Pr	ep Metho Date Pre	od: SW8 pp: 11.0	8015P 4.2020 1534-1 BSD	
Parameter	//14334-1-1	MB Result	Spike	LCS San LCS Result	LCS	LCSD Bogult		Limits	%RPD	RPD	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo Diesel Range Organics (ons (GRO) DRO)	<50.0 <50.0	1000 1000	949 1100	95 110	1020 1090	102 109	70-130 70-130	7 1	20 20	mg/kg mg/kg	11.04.2020 16:08 11.04.2020 16:08	
Surrogate		MB %Rec	MB Flag	L0 %]	CS Rec	LCS Flag	LCSI %Re) LCSI : Flag) Li	mits	Units	Analysis Date	
1-Chlorooctane o-Terphenyl		93 113		9 1	99 15		120 122		70- 70-	-130 -130	% %	11.04.2020 16:08 11.04.2020 16:08	
Analytical Method: Seq Number:	TPH By SW 3141411	V8015 M	od] MB San	Matrix:	Solid 7714534-1	-BLK		Pr	ep Metho Date Pre	od: SW8 ep: 11.0	8015P 4.2020	
Parameter				MB	r						Units	Analysis	Flag
Motor Oil Range Hydrocarb	oons (MRO)			<50.0							mg/kg	Date 11.04.2020 15:50	

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

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

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

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Final 1.000
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QC Summary 676823

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Etech Environmental & Safety Solution, Inc

Denton Truckline

Analytical Method:	TPH By SW	/8015 M	od						Pi	ep Metho	od: SW	8015P	
Seq Number:	3141411			1	Matrix:	Soil				Date Pr	ep: 11.0	4.2020	
Parent Sample Id:	676828-001			MS San	nple Id:	676828-00	01 S		MS	D Sample	e Id: 676	828-001 SD	
Parameter		Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Gasoline Range Hydrocarbo	ons (GRO)	<49.9	998	922	92	882	88	70-130	4	20	mg/kg	11.04.2020 17:05	
Diesel Range Organics (DRO)	<49.9	998	883	88	924	93	70-130	5	20	mg/kg	11.04.2020 17:05	
Surrogate				N %1	1S Rec	MS Flag	MSD %Re	o MSD c Flag	Li	mits	Units	Analysis Date	
1-Chlorooctane				1	13		114		70	-130	%	11.04.2020 17:05	
o-Terphenyl				1	16		115		70	-130	%	11.04.2020 17:05	

BTEX by EPA 8021	B						Pı	rep Meth	od: SW	5035A	
3141652]	Matrix:	Solid				Date Pr	ep: 11.0	07.2020	
7714727-1-BLK		LCS San	nple Id:	7714727-1	1-BKS		LCS	D Sample	e Id: 771	4727-1-BSD	
MB Result	Spike Amount	LCS Result	LCS %Rec	LCSD Result	LCSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
< 0.00200	0.100	0.0923	92	0.0811	81	70-130	13	35	mg/kg	11.07.2020 14:50	
< 0.00200	0.100	0.0941	94	0.0842	84	70-130	11	35	mg/kg	11.07.2020 14:50	
< 0.00200	0.100	0.0983	98	0.0895	90	70-130	9	35	mg/kg	11.07.2020 14:50	
< 0.00400	0.200	0.194	97	0.176	88	70-130	10	35	mg/kg	11.07.2020 14:50	
< 0.00200	0.100	0.0938	94	0.0887	89	70-130	6	35	mg/kg	11.07.2020 14:50	
MB %Rec	MB Flag	L0 %]	CS Rec	LCS Flag	LCSI %Re) LCSD c Flag) Li	imits	Units	Analysis Date	
99		9	99		99		70	-130	%	11.07.2020 14:50	
104		9	94		100	1	70	-130	%	11.07.2020 14:50	
	BTEX by EPA 8021 3141652 7714727-1-BLK MB Result <0.00200 <0.00200 <0.00200 <0.00400 <0.00200 <0.00200 MB %Rec 99 104	BTEX by EPA 8021B 3141652 7714727-1-BLK MB Spike Result Amount <0.00200	BTEX by EPA 8021B 3141652 3141652 7714727-1-BLK LCS San MB Spike LCS ecologo 0.100 0.0923 <0.00200	BTEX by EPA 8021B 3141652 Matrix: 7714727-1-BLK LCS Sample Id: MB Spike LCS LCS MB Spike LCS %Rec <0.00200	BTEX by EPA 8021B 3141652 Matrix: Solid 7714727-1-BLK LCS Sample Id: 7714727-1 MB Spike LCS LCS <thls< th=""> LCS LCS<td>BTEX by EPA 8021B 3141652 Matrix: Solid 7714727-1-BLK LCS Sample Id: 7714727-1-BKS MB Spike LCS LCS LCS LCSD LCSD MB Spike LCS LCS LCSD Result %Rec 0.00200 0.100 0.0923 92 0.0811 81 <0.00200</td> 0.100 0.0941 94 0.0842 84 <0.00200</thls<>	BTEX by EPA 8021B 3141652 Matrix: Solid 7714727-1-BLK LCS Sample Id: 7714727-1-BKS MB Spike LCS LCS LCS LCSD LCSD MB Spike LCS LCS LCSD Result %Rec 0.00200 0.100 0.0923 92 0.0811 81 <0.00200	BTEX by EPA 8021B 3141652 Matrix: Solid 7714727-1-BLK LCS Sample Id: 7714727-1-BKS MB Spike LCS LCS LCSD LCSD LCSD LIBK <0.00200	BTEX by EPA 8021B Predict of the second state of the sec	BTEX by EPA 8021B Prep Meth 3141652 Matrix: Solid Date Pr 7714727-1-BLK LCS Sample Id: 7714727-1-BKS LCSD Sample MB Spike LCS LCS LCSD LCSD LCSD LCSD Result %RepD RPD Limit <0.00200	Prep Method: SW 3141652 Matrix: Solid Date Prep: 11.0 7714727-1-BLK LCS Sample Id: 7714727-1-BKS LCSD Sample Id: 7714727-1-BKS LCSD Sample Id: 771 MB Spike LCS LCS LCSD LCSD LCSD Sample Id: 7714727-1-BKS LImits %RPD RPD Units Limit Closp Result %Result %Rec LCSD LCSD LCSD LCSD Sample Id: 771 MB Spike LCS LCS LCSD Meet LCSD LCSD LCSD Meet Timits %RPD RPD Units Limit OUNTS <0.00200	Prep Method: SW5035A 3141652 Matrix: Solid Date Prep: 11.07.2020 7714727-1-BLK LCS sample Id: 7714727-1-BKS LCSD sample Id: 7714727-1-BSD MB Spike LCS LCS LCS LCS LCS LCS LCS LCS LCS Analysis MB Spike LCS LCS LCS LCS LCS LCS LCS Analysis MB Spike LCS LCS LCS LCS LCS LCS LCS LCS Malysis CO00200 0.100 Colspan="4">Malysis Malysis Colspan="4">LCS LCS LCS LCS LCS Colspa= 4 Nalysis

Analytical Method:	BTEX by EPA 8021	IB						P	rep Meth	od: SW	5035A	
Seq Number:	3141652			Matrix:	Soil				Date Pr	ep: 11.0	07.2020	
Parent Sample Id:	676822-001		MS Sar	nple Id:	676822-00	01 S		MS	D Sampl	e Id: 676	822-001 SD	
Parameter	Parent Result	Spike Amount	MS Result	MS %Rec	MSD Result	MSD %Rec	Limits	%RPD	RPD Limit	Units	Analysis Date	Flag
Benzene	< 0.00199	0.0994	0.0812	82	0.0871	88	70-130	7	35	mg/kg	11.08.2020 02:26	
Toluene	< 0.00199	0.0994	0.0827	83	0.0886	89	70-130	7	35	mg/kg	11.08.2020 02:26	
Ethylbenzene	< 0.00199	0.0994	0.0873	88	0.0929	94	70-130	6	35	mg/kg	11.08.2020 02:26	
m,p-Xylenes	< 0.00398	0.199	0.174	87	0.184	93	70-130	6	35	mg/kg	11.08.2020 02:26	
o-Xylene	< 0.00199	0.0994	0.0863	87	0.0919	93	70-130	6	35	mg/kg	11.08.2020 02:26	
Surrogate			N %	1S Rec	MS Flag	MSE %Re) MSI c Flag) Li ç	imits	Units	Analysis Date	
1,4-Difluorobenzene			ç	99		101		70	-130	%	11.08.2020 02:26	

MS/MSD Percent Recovery Relative Percent Difference LCS/LCSD Recovery Log Difference

4-Bromofluorobenzene

 $\begin{array}{l} [D] = 100*(C-A) \ / \ B \\ RPD = 200* \ | \ (C-E) \ / \ (C+E) \ | \\ [D] = 100*(C) \ / \ [B] \\ Log \ Diff. = Log(Sample \ Duplicate) \ - \ Log(Original \ Sample) \end{array}$

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

102

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

.

11.08.2020 02:26

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103

Final 1.000

70-130

%



Chain of Custody



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

Atlanta, GA (770) 449-8800

																		www.	xence	o.com		Pa	ge 1 of	6
Project Manager:	Joel Lowry				Bill to: (if differe	ent)	Aaron	Pachi	nofer									W	ork O	rder (Comm	ents		
Company Name:	Etech Enviror	imental an	d Safety		Company Na	me:	Faske	n Oil a	nd Rar	nch					Progr	am: U	ST/PS	т[] Р	RF	Brow	nfield		Super	fund
Address:	3100 Plains H	łwy			Address:										Sta	te of I	Projec	:t:						
City, State ZIP:	Lovington, NM	/ , 88260			City, State ZI	P:									Repor	ting:Le	evel 🕻] Lev	/el 🗌	PST	7∪\$∏	TR₽	Level	D'
Phone:	575-396-2378	3		Email:	Email Resu	lts to: <u>F</u>	PM@	etech	env.co	<u>m</u> + C	lient				Delive	rables	EDD			ADaP	т 🗆	Other	:	
Project Name:	C	Denton Tru	nkline	Tu	rn Around						AN	ALYS	IS RE	QUE	ST						F	reserv	ative Co	odes
Project Number:		11924		Routi	ne: X																HNO3	: H N		
Project Location	Rur	al Lea Cou	unty, NM	Rush	: 🗌	e e															1 H2S04	4: H2		
Sampler's Name:		Matthew G	rieco	Due I	Date:	vati															HCL:	HL		
PO #:					>	esel															None:	NO		
SAMPLE REC	EIPT "T	emp Blank:	Yes	Wet Ice:	Yes No	s/Pr		<u>.</u>													NaOH	: Na		
Temperature (°C):	2.1]	2.6	IT	nermometer	D	iner	â	Ext								-					MeOF	l: Me		
Received Intact:	<u> </u>	No		_)27		onta	8021	015N													Zn Ac	etate+ N	aOH: Zn	1
Cooler Custody Sea	ils: Yes	No CAVA	Oorrection Fac	ctor:	0.5	ů,	846	46 8(÷		-									1	TAT	starts the	day recev	vied by the
Sample Custody Se	als: Yes	No (N/A	Jotal Containe	ers:		ero	(SW	8	8							-					operation devices and	ab, if rece	ived by 4:	:30pm
Sample Ide	ntification	Matrix	Date Sampled	Time Sampled	Depth	Numt Code	BTEX	TPH (S	CI- (45													Sample	Comm	ients
FS	51	Soil	11/3/2020			1/NO			х															
FS	S2	Soil	11/3/2020			1/NO			х											_				
FS	33	Soil	11/3/2020			1/NO			х															
FS	64	Soil	11/3/2020			1/NO			X															
FS	35	Soil	11/3/2020			1/NO			Х						L									
FS	6	Soil	11/3/2020			1/NO			X							ļ			_					
FS	57	Soil	11/3/2020			1/NO			X								1			_			<u>.</u>	
FS	58	Soil	11/3/2020			1/NO			X						L			_	_			w		
FS	S9	Soil	11/3/2020			1/NO			X							<u> </u>	ļ		_		-			
FS	10	Soil	11/3/2020			1/NO			X			<u> </u>												
Total 200.7 / Circle Metho Notice: Signature of thi	6010 200.8 od(s) and Metal	/ 6020: (s) to be a	8RC nalyzed	RA 13PPN TCLP / SP	A Texas 11 LP 6010: 8	AIS RCRA	b As Sb compa	Ba As B ny to X	Be B a Be anco, its	Cd C Cd C	a Cr Cr Co	Co Cu subcont	Cu Fe Pb Me tractors.	e Pb n Mo Itassi	Mg Ni S	Mn M Se Aç	lo Ni g Ti terms a	K S U nd con	e Ag ditions	SiO2	Na S 531 / 2	SrTIS 45.1/7	nUV 470/74	Zn 471 : Hg
of service. Xenco will of Xenco. A minimum	be liable only for the charge of \$75.00 wil	cost of samp l be applied to	les and shall not each project and	assume any re a charge of \$	sponsibility for 5 for each samp	any losse le submit	ted to)	penses (enco, l	incurre out not a	d by the inalyzed	client i . These	if such l terms	losses a will be e	re due nforce	to circu d unles	mstanc s previo	es beyo	ond the gotiate	contro d.	1				
Relinquished I	oy: (Signature)		Received	by: (Signati	ure)		Date	e/Time	•	Re	linqu	ished	by: (S	ignat	ure)		Rec	eiyed	р <u>у</u> (Signat	ure)	2	Date/	Time
MA	2 hr	N	V2.			3.	35	2///	-3	2	()	X L					Y	U	A	111	UK		Π	4
30 /								/		4	-					5	1	•					· · /	SV
5	-									6							<i></i>					Re	vised Date 10	JA19 Bay 2019



Chain of Custody

Work Order No: 67687

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

Atlanta,	GA (7	770) 4	49-8800
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																			www.	xenco	o.com		Pag	e 2 of 6	
Project Manager:	Joel L	owry				Bill to: (if different	ent)	Aaron	Pachl	hofer									W	ork O	rder (Comme	nts		
Company Name:	Etech	Environm	nental an	d Safety		Company Na	me:	Faske	n Oil a	and Ra	nch					Progra	am: U	ST/PS	т 🗌 Р	RF	Brow	nfield	RR(Superfund	
Address:	3100	Plains Hw	/y			Address:										Sta	te of I	Projec	t:						
City, State ZIP:	Loving	gton, NM,	88260			City, State ZI	P:									Repor	ing:Le	vel 🕻	Lev	el 🗌	PST		TRF	Level 🛛	
Phone:	575-3	96-2378			Email:	Email Resu	lts to: <u>F</u>	PM@	etech	env.co	<u>om</u> + (Client				Delive	rables	EDD			ADaP	т 🗆	Other:		
Project Name:		De	nton Tru	nkline	Τυ	Irn Around						AN	ALYS	IS REC	QUE	ST						Pr	eserva	tive Codes	j
Project Number:			11924		Rout	ine: 🛛																HNO3:	HN		
Project Location		Rura	Lea Cou	unty, NM	Rush	n: 🔲	š															H2S04:	H2		
Sampler's Name:		М	atthew G	rieco	Due	Date:	rvat															HCL: HI	Ĺ		
PO#:			Markaun manakating				ese															None: N	10		
SAMPLE RECI	EIPT	Ter	np Blank:	Yes No	Wet Ice:	Yes No	s/Pi															NaOH:	Na		
Temperature (°C):				T	hermometer	ID	iner	â	N EX													MeOH:	Ме		
Received Intact:		Yes	No				onta	8021	015N													Zn Acet	ate+ Na	OH: Zn	
Cooler Custody Sea	ls:	Yes No	D N/A	Correction Fa	ctor:	2 .	ů tř	846	46.8	.												TAT st	arts the d	ay recevied b	y the
Sample Custody Se	ais: j	Yes No	D N/A	Total Containe	ers:		Ser C	(SW	SW 8	000														rea by 4:30pm	20030500000
Sample Ide	ntificati	ion	Matrix	Date Sampled	Time Sampled	Depth	Numt	втех	TPH (CI- (45												Sa	ample (Comments	
FS	11		Soil	11/3/2020			1/NO			X															
FS	12		Soil	11/3/2020			1/NO			Х															
FS	13		Soil	11/3/2020			1/NO			X															
FS	14		Soil	11/3/2020			1/NO			Х															
FS	15		Soil	11/3/2020			1/NO			x															
FS	16		Soil	11/3/2020			1/NO			X															
FS	17		Soil	11/3/2020			1/NO			X															
FS	18		Soil	11/3/2020			1/NO			X															
FS	19		Soil	11/3/2020			1/NO			X															
FS	20	11111-111-1	Soil	11/3/2020			1/NO			X															
Total 200.7 / Circle Metho	6010 d(s) an	200.8 / nd Metal(s	6020: s) to be a	8RC nalyzed	RA 13PPI TCLP / SF	M Texas 11 PLP 6010: 8	AI S RCRA	Sb As Sb	; Ba As B	Be B a Be	Cd (Cd (Ca Cr Cr Co	r Co o Cu	Cu Fe Pb Mn	Pb Mo	Mg f Ni S	Vin M Se Aç	oNi ITIl	K Si J	e Ag	SiO2	' Na Sr 631 / 24	TISn 5.1 / 74	UVZn 70/7471	: Hg
Notice: Signature of thi of service. Xenco will b of Xenco. A minimum of	s documo e liable c charge of	ent and reline only for the c \$75.00 will b	quishment of samp ost of samp be applied to	of samples const bles and shail not bles ach project an	itutes a valid p assume any ro d a charge of \$	urchase order fro esponsibility for 5 for each samp	om client any losse le submit	compa es or ex ted to 3	iny to X penses Xenco, I	enco, its incurre but not a	s affiliat d by the analyzed	es and s client 1. These	subcont if such l e terms	ractors. I osses are will be en	t assi due f force	gns sta to circu d unles:	ndard mstanc previo	erms a es beyo usly ne	nd con Ind the gotiate	ditions contro d.	I				
Relinguished b	oy: (Sig	nature)	IA A	Received	by: (Signat	ure)	3,	Date	e/Time	, , >	R	elinqu	ished	by: (Sig	gnat	ure)	H,	Reg	eived	by: (:	Signa	ture)	-	Date/Time	•
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Chain of Custody

Work Order No: <u>676873</u>

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



						Billi													14/-						5
Project Manager:	Joel L	owry		10.61		Bill to: (if different	ent) /	Aaron	Pachi	noter					-	ante al constant à	ageneratoriation ageneratoriation				raer c			eksileni inaizi.	
Company Name:	Etech	Environ	mental ar	nd Safety		Company Na	ime:	Faske	n Oil a	nd Ra	nch				-	Progra	am: U to of	ST/PS	T 🗌 Pi	кң_	Brown	ifield	ккаП	Supert	und
Address:	3100	Plains H	lwy			Address:									-	Jia	te or	Projec	1. I I av		Det	/ud]	грат		- v
City, State ZIP:	Loving	gton, NN	<i>I</i> , 88260			City, State Z	IP:								_	керог	ang:Le				P51			Level	_1
Phone:	575-3	96-2378	3		Emai	Email Resu	ilts to: I	PM@	eteche	env.co	<u>om</u> + (Client			L	Delive	rables	EDL			ADaP		Other:		
Project Name:		C	Denton Tru	Inkline	т	urn Around						AN	ALYS	IS RE	QUE	ST						Pr	eserva	tive Co	odes
Project Number:			11924	4	Rou	tine: 🗵																HNO3:	HN		
Project Location		Rur	al Lea Co	unty, NM	Rus	h: 🗌	š															H2S04:	H2		
Sampler's Name:			Matthew C	Grieco	Due	Date:	Lvat															HCL: H	L .		
P0#:							lese															None: N	10		
SAMPLE REC	EIPT	· To	emp Blank:	Yes No	Wet Ice	: Yes No	Id/S		£													NaOH:	Na		
Temperature (°C):				1	Thermomete	r ID	iner	â	MEX													MeOH:	Me		
Received Intact:		Yes	s No				onta	802	0151													Zn Ace	ate+ Na	OH: Zn	
Cooler Custody Sea	ds:	Yes		Correction Fa	actor:		Ŭ.	846	346.8	ŝ												TAT s	arts the d	lay recev	vied by the
Sample Custody Se	ais.	res					per -	MS)	SW	200 (rea by 4.	Sopin
Sample Ide	ntificat	ion	Matrix	Date Sampled	Time Sampled	Depth	Num	втех) HAT	Ci- (4												S	ample	Comm	ents
FS	21		Soil	11/3/2020)		1/NO			X											ļ				
FS	22		Soil	11/3/2020)		1/NO			X															
FS	23		Soil	11/3/2020)		1/NO			X			L					<u> </u>							
FS	24		Soil	11/3/2020	0		1/NO			X											ļ	ļ			
FS	25		Soil	11/3/2020	<u> </u>		1/NO			X		L				ļ		<u> </u>	ļ	ļ	ļ				
FS	26		Soil	11/3/2020	D		1/NO			X	ļ	ļ						<u> </u>	1		<u> </u>				
FS	27		Soil	11/3/2020	5		1/NO		-	X	ļ	ļ	ļ	ļ		1		4	<u> </u>	<u> </u>	<u> </u>				
FS	28 x		Soil	11/3/2020	<u> </u>		1/NO	X	X	X	ļ	ļ	<u> </u>	ļ											
FS	29		Soil	11/3/2020	0		1/NO			X	ļ						-	-							
FS	30		Soil	11/3/2020	0		1/NC			X				<u> </u>				<u> </u>							
Total 200.7 /	6010	200.8	/ 6020:	8R(CRA 13PF	PM Texas 11	AIS	b As	Ba	Be B	Cd (Ca C	r Co	Cu F	e Pb	Mg	Mn N	lo Ni	K Se	e Ag	SiO2	Na Sr	TI Sn	υv	Zn
Circle Metho	od(s) ar	nd Metal	l(s) to be a	analyzed	TCLP / S	PLP 6010: 8	RCRA	Sb	As B	a Be	Cd (Cr Co	o Cu	Pb M	n Mo	Ni	Se A	g Tl	J		16	531 / 24	5.1 / 74	70 / 74	471 : Hg
Notice: Signature of th	is docum	ent and rel	linquishment	of samples cons	stitutes a valid	purchase order fr	om client	compa	any to X	enco, it	s affiliat	es and	subcont	tractors	It ass	igns sta to circu	ndard	terms a	nd con	ditions					
of Service. Xenco Will of Xenco. A minimum	charge of	\$75.00 wil	li be applied t	to each project a	nd a charge of	\$5 for each samp	le submit	ted to	Xenco, I	out not	analyze	d. Thes	e terms	will be e	enforce	d unles	s previ	ously ne	gotiate	d.					
Relinquished	oy: (Sig	nature)		Received	l by: (Signa	iture)		Date	e/Time	•	R	elinqu	lished	by: (S	Signat	ure)		Rec	Pived	by: (\$	Signat		>	Date/	Time
1 Mat	10	n	N	m	•		3	3-	3/1/	-3	2	N	NZ					ν_{l}	\mathcal{N}	2	<u>11</u>	U]	P	ł
3									v 		4						\square							1.	AC
5											6												Revi	sed Data 10	1419 Rev 2010



Chain of Custody

Work Order No: 01002

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

															~ =			}	www.	xenco	o.com		Pa	ge 4 of	6
Project Manager:	Joel L	owry				Bill to: (if different	ent)	Aaron	Pachl	nofer					調査の				Wo	ork O	rder	Comm	ents		
Company Name:	Etech	Environr	nental an	d Safety		Company Na	ime:	Faske	n Oil a	nd Rai	nch				_ P	rogra	m: US	ST/PS	Г 🗌 Р	RF	Brow	nfield[] RR	Supe	rfund 🗌
Address:	3100	Plains Hv	vy			Address:										Stat	e of P	roject	:						
City, State ZIP:	Loving	gton, NM	, 88260			City, State ZI	IP:								R	leporti	ng:Le	vel 🔲	Lev	rel 🗌	PST	ເ/ບ§	TRI	Leve	
Phone:	575-3	96-2378			Email:	Email Resu	ilts to: I	PM@	eteche	env.co	<u>m</u> + C	lient				eliver	ables:	EDD			ADaP	т 🗆	Other		
Project Name:		De	enton Tru	nkline	Τι	rn Around						AN	ALYS	IS REC	QUES	т						P	reserva	tive C	odes
Project Number:			11924		Rout	ine: 🛛							T									HNO3	HN		
Project Location		Rura	Lea Cou	inty, NM	Rust	:	9															H2S04	: H2		
Sampler's Name:		Ň	latthew G	rieco	Due	Date:	vati															HCL: I	ΗL		
P0#							ser															None:	NO		
SAMPLE RECE	IPT	Te	mp Blank:	Yes No	Wet Ice	Yes No	nd/s		<u> </u>													NaOH	: Na		
Temperature (°C):				Т	hermometer	ID	nen	â	Ext													MeOH	: Me		
Received Intact:		Yes	No			1	ntai	3021	15M													Zn Ac	etate+ N	aOH: Zr	1
Cooler Custody Seal	s:	Yes N	o N/ A	Correction Fa	ctor:		L Co	846 8	46 80	<u> </u>												TAT	starts the	day rece	vied by the
Sample Custody Sea	als:	Yes N	0 N/A	Total Containe	ers:		ero	MS	W 87	с 8													ab, if rece	ived by 4	:30pm
Sample Ide	ntificati	ion	Matrix	Date Sampled	Time Sampled	Depth	Numb Code	втех (TPH (S	CI- (45													Sample	Comm	nents
FS3	1x		Soil	11/3/2020			1/NO	х	X	Х															
FS3	32		Soil	11/3/2020			1/NO			Х															
FS3	3		Soil	11/3/2020			1/NO			х															
FS3	4x		Soil	11/3/2020			1/NO	Х	X	х															
FS3	35		Soil	11/3/2020			1/NO			X															
FS	36		Soil	11/3/2020			1/NO			X															
FS	37		Soil	11/3/2020			1/NO			X															
FS	38		Soil	11/3/2020			1/NO			X															
FS	39		Soil	11/3/2020			1/NO			X							-								
FS4	10		Soil	11/3/2020			1/NO			X															
Total 200.7 / 6 Circle Method	5 010 d(s) an	200.8 / d Metal(:	6020: s) to be a	8RC nalyzed	RA 13PP TCLP / SF	M Texas 11 PLP 6010: 8	AI S RCRA	b As Sb	Ba As B	Be B a Be	Cd C Cd C	Ca Cr Cr Co	Co (Cu l	Cu Fe Pb Mn	Pb I Mo	Mg M Ni S	in Mo e Ag	o Ni TI L	K Se	e Ag	SiO2	Na S 631 / 2	5r TI Sr 45.1 / 74	UV 170/7	Zn 471 : Hg
Notice: Signature of this of service. Xenco will b	e liable of	ent and relin only for the (quishment of same	of samples const iles and shall not each project an	itutes a valid p assume any ro	urchase order fro esponsibility for 5 for each samp	om client any losse	compa es or ex	ny to Xe penses (encot	incurre	d by the	s and s client it	ubconti f such ic	ractors. I osses are	it assig due to forced	ns stan circum	dard to stance	erms an is beyon	nd cond and the	litions control	I				
Relingwiched b	v: (Sia	nature)		Received	by: (Signat			Date	/Time		R	lingui	shed	hv: (Si	matu	re)	Â	Rece	aived	by: (Signe	ture)		Date	Time
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Chain of Custody



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

Project Managor		0000				Dill to: /# differen		Aoron	Doobl	hofor					ר ר					rk Ord		mmonte	l age 5 0	<i></i>
Compony Namo:	Etech	Environn	nontal ar	d Safety		Compony No	mo:	Focks			nob				-	Droard		T/DC	r 🗆 pc		er con		 /	a anti u na al 🗂
Addresses	2100			u Salety		Company Na	me.	raske		пока	nun				-1	Sta	te of F	Projec	і <u>П</u> г г h		OWING		.vsup	enuna
Address:	3100		vy			Address.				·····					-	Report	ingla		 I ove		DST/11	ar D		
City, State ZIP:	Loving	gton, NM,	88260			City, State ZI	P: [-	Dolivor	ang.ce							
Phone:	5/5-3	96-2378			Emai	Email Resu	Its to: I	<u>-₩@</u>	etech	env.co	<u>om</u> + (Client				Deliver	avies.	EDD				<u> </u>		
Project Name:		De	enton Tru	nkline	т	urn Around			_			AN	ALYS	IS RE	QUE	ST						Prese	rvative (Codes
Project Number:			11924	1	Rou	tine: X															н	NO3: HN		
Project Location		Rura	l Lea Co	unty, NM	Rus	h: 📋	Š									- 1					н	2S04: H2		
Sampler's Name:		М	latthew G	Grieco	Due	Date:	rvat														н	CL: HL		
P0#:							lese														N	one: NO		
SAMPLE REC	EIPT	Ter	np Blank:	Yes No	Wet Ice	Yes No	S/P		1												N	aOH: Na		
Temperature (°C):				Т	hermometer	ID	ine	â	A EX												M	eOH: Me		
Received Intact:		Yes	No				onta	802	0151												Z	n Acetate	+ NaOH: Z	Zn
Cooler Custody Sea	als:	Yes No Yes No	0 N/A	Correction Fa	ictor:		of C	846	346.8	E S												TAT starts	the day rec	evied by the
Sample Custody Se							Der 6	MS)	SW 8	l i i i i i i i i i i i i i i i i i i i											28	lab, if	eceived by	4:30pm
Sample Ide	entificat	ion	Matrix	Date Sampled	Time Sampled	Depth	Numl	втех	TPH (;	C¦- (4)												Sam	ple Com	ments
FS	641		Soil	11/3/2020			1/NO			X														
FS	642		Soil	11/3/2020			1/NO			X														
FS	43		Soil	11/3/2020			1/NO			X														
FS	644		Soil	11/3/2020			1/NO			X														
FS	645		Soil	11/3/2020			1/NO			X														
FS	646		Soil	11/3/2020			1/NO			X	L													
FS	647		Soil	11/3/2020			1/NO			X	L	<u> </u>												
FS	648		Soil	11/3/2020			1/NO	ļ		X														
FS	549		Soil	11/3/2020			1/NC	ļ		X														
FS	50		Soil	11/3/2020			1/NC	<u> </u>		X		<u> </u>												
Total 200.7 / Circle Metho	6010 od(s) ar	200.8 / nd Metal(s	6020: s) to be a	8RC nalyzed	RA 13PP TCLP/S	M Texas 11 P LP 6010 : 8	AI S RCRA	Sb As Sb	s Ba As B	Be B a Be	Cd Cd	Ca Ci Cr Co	Co Cu	Cu Fe Pb Mi	e Pb n Mo	Mg N Ni S	/in Mi Se Ag	⊃Ni TIL	K Se	Ag S	iO2 N 1631	la Sr Tl I / 245.1	SnUV /7470/	/Zn 7471 : Hg
Notice: Signature of th of service. Xenco will of Xenco. A minimum	is docum be liable o charge of	ent and relin only for the c f \$75.00 will t	quishment ost of sam be applied t	of samples const bles and shall not o each project an	titutes a valid p assume any d a charge of	ourchase order fro esponsibility for \$5 for each sampl	om client any losse le submit	compa es or ex ted to 2	any to X openses Xenco, I	enco, its incurre out not a	s affiliat d by the analyze	es and s client d. These	subcont if such l terms v	ractors. osses ar will be e	It assi re due t nforced	gns star o circur i unless	ndard t nstance previo	erms ar is beyo isly ne	id condi nd the c jotiated	tions ontrol				
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1 MAT	20	m	N	né			3	33	3/11	-3	2	10	$) \langle$	/				P	Δ	Ø.	YU		11	4
5									*******		6						1-							12
L																	1						Revised Date	101419 Rev. 201

Chain of Custody



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

	2	///////////////////////////////////////													1000000000			<u>www.</u>	xenco.	.com	Page 6 of 6
Project Manager:	Joel L	owry				Bill to: (if different	ent)	Aaron	Pachl	hofer								Wo	ork Or	der C	Comments
Company Name:	Etech	Environn	nental an	d Safety		Company Na	ime:	Faske	n Oil a	and Ra	nch				Pro	gram:	JST/PS	T P	RF] E	Brown	nfield RR Superfund
Address:	3100	Plains Hw	vy	·····		Address:									5	tate of	Projec	:t:			
City, State ZIP:	Loving	gton, NM,	88260			City, State ZI	IP:							·	Rep	orting:L	evel I] Lev	el 🗌	PST	/US TRF Level /
Phone:	575-3	96-2378			Email	Email Resu	lts to: I	PM@	etech	env.co	<u>om</u> + C	lient			Deli	verable	s: EDD		A	ADaP1	r 🗋 Other:
Project Name:		De	enton Tru	nkline	т	urn Around						ANA	LYSIS	S REQL	JEST						Preservative Codes
Project Number:			11924	1	Rout	tine: 🗴															HNO3: HN
Project Location		Rura	Lea Co	unty, NM	Rust	n:	2									Τ					H2S04: H2
Sampler's Name:		м	atthew G	Grieco	Due	Date:	vati														HCL: HL
PO#:							esel														None: NO
SAMPLE REC	EIPT	Ter	np Blank:	Yes No	Wet Ice	Yes No	s/Pr		•												NaOH: Na
Temperature (°C):				Т	hermometer	ID	iner	â	N Ext												MeOH: Me
Received Intact:		Yes	No				onta	8021	015N												Zn Acetate+ NaOH: Zn
Cooler Custody Sea	als:	Yes No	o N/A	Correction Fa	ctor:		L CC	846	46 81	÷											TAT starts the day recevied by t
Sample Custody Se	als:	Yes N	0 N/A	Total Containe	ers:		er o	SW	N ⁸	8											lab, if received by 4:30pm
Sample Ide	ntificati	ion	Matrix	Date Sampled	Time Sampled	Depth	Numt	BTEX	TPH (S	CI- (45											Sample Comments
FS	51		Soil	11/3/2020			1/NO			X											
FS	52		Soil	11/3/2020			1/NO			X											
FS	53		Soil	11/3/2020			1/NO			X											
FS	54		Soil	11/3/2020			1/NO			X											
FS	55		Soil	11/3/2020			1/NO			X											
FS	56		Soil	11/3/2020			1/NO			X											
FS	57		Soil	11/3/2020			1/NO			X											
FS	58		Soil	11/3/2020			1/NO	×		X											
Total 200.7 /	6010	200.8 /	6020:	8RC	RA 13PP	M Texas 11	AIS	Sb As	Ва	Be B	Cd C	a Cr	Co C	u Fe F	b Mg	Mn	Mo Ni	K Se	Ag	SiO2	Na Sr TI Sn U V Zn
Circle Metho	od(s) an	d Metal(s	s) to be a	nalyzed	TCLP / SI	PLP 6010: 8	RCRA	Sb	As B	la Be	Cd C	г Со	Cu Pl	b Mn I	<i>I</i> lo Ni	Se A	gΤI	J		16	31 / 245.1 / 7470 / 7471 :
Notice: Signature of thi	is docume	ent and relin	quishment	of samples const	itutes a valid p	ourchase order fro	om client	compa	ny to X	enco, its	affiliate	s and su	bcontra	ctors. It a	ssigns	tandard	terms a	nd cond	litions		
of service. Xenco will of Xenco. A minimum	be liable o charge of	soly for the c \$75.00 will t	ost of samp be applied to	oles and shall not o each project an	assume any r d a charge of s	esponsibility for 56 for each samp	any losse le submit	es or ex ted to)	(penses (enco, l	incurre but not a	d by the inalyzed	client if . These t	such los erms wi	ill be enfoi	ue to cir ced uni	cumstar ess prev	ces beyo iously n	ond the gotiate	control 1.		
				Penning	by: (Signat	ture)		Date	e/Time	9	Re	linquis	hed by	y: (Sign	ature)		Ree	ej / ed	by: fs	ignat	ure) 0 Date/,Time
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Relinguished	by: (Sig	nature)				,	3	33	3/1	11-3	2 4	\bigcirc	Ð					U	A	<i>\</i>	14

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Received by OCD: 4/29/2021 7:44:55 AM



Eurofins Xenco, LLC

Prelogin/Nonconformance Report- Sample Log-In

Client: Etech Environmental & Safety Solution, I	Acceptable Temperatu	re Range: 0 - 6 degC
Date/ Time Received: 11.04.2020 12.00.00 AM	Air and Metal samples	Acceptable Range: Ambient
Work Order #: 676823	Temperature Measurin	g device used : IR-8
Sample Rece	ipt Checklist	Comments
#1 *Temperature of cooler(s)?	2.6	
#2 *Shipping container in good condition?	Yes	
#3 *Samples received on ice?	Yes	
#4 *Custody Seals intact on shipping container/ cooler?	N/A	
#5 Custody Seals intact on sample bottles?	N/A	
#6*Custody Seals Signed and dated?	N/A	
#7 *Chain of Custody present?	Yes	
#8 Any missing/extra samples?	No	
#9 Chain of Custody signed when relinquished/ received?	Yes	
#10 Chain of Custody agrees with sample labels/matrix?	Yes	
#11 Container label(s) legible and intact?	Yes	
#12 Samples in proper container/ bottle?	Yes	BTEX was in bulk container
#13 Samples properly preserved?	Yes	
#14 Sample container(s) intact?	Yes	
#15 Sufficient sample amount for indicated test(s)?	Yes	
#16 All samples received within hold time?	Yes	
#17 Subcontract of sample(s)?	N/A	
#18 Water VOC samples have zero headspace?	N/A	

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

Analyst:

PH Device/Lot#:

Checklist completed by: Billion Tay Brianna Teel

Date: 11.04.2020

Checklist reviewed by: Jessica Kramer

Date: 11.05.2020

Appendix C Photographic Log

Photographic Log









View of Installation of Pad Material

Released to Imaging: 7/29/2021 1:39:45 PM







Photographic Log



Photographic Log



District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3470 Fax: (505) 476-3462

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

CONDITIONS

Operator:	OGRID:
FASKEN OIL & RANCH LTD	151416
6101 Holiday Hill	Action Number:
Midland, TX 79707	26201
	Action Type:
	[C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
chensley	None	7/29/2021

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Action 26201