

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company: XTO Energy, Inc.	Contact: Kurt Hoekstra	
Address: 382 Road 3100, Aztec, New Mexico 87410	Telephone No.: (505) 333-3100	
Facility Name: Lunt FC # 5	Facility Type: Gas Well (Basin Fruitland Coal)	
Surface Owner: Federal	Mineral Owner	API No. 30-045-34034

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	6	30N	13W	730	FSL	840	FWL	San Juan

Latitude: 36.83692 Longitude: -108.24868

NATURE OF RELEASE

Type of Release: Produced Water	Volume of Release: 200 BBL	Volume Recovered: 200 BBL
Source of Release: Gas Eliminator Valve	Date and Hour of Occurrence Unknown	Date and Hour of Discovery: 2-16-2017 @ 10:25am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Vanessa Fields NMOCD	
By Whom? Kurt Hoekstra XTO Energy	Date and Hour: 2-16-2017 @ 1:35pm	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	

OIL CONS. DIV DIST. 3

If a Watercourse was Impacted, Describe Fully.*

FEB 24 2017

Describe Cause of Problem and Remedial Action Taken.* A gas eliminator valve leaked produced water inside the pit tank and separator berm. All produced water stayed inside the berm and the pit tank cellar. Vanessa Fields NMOCD was notified at 1:35 pm. 2-16-2017 and arrived on location at 2:45pm. 2-16-2017. XTO, EHS collected a soil sample from below the source of the leak and a produced water sample from the pit tank cellar. The site was ranked a 20 pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases due to distance to surface water 200-1000 feet, and an estimated depth to groundwater between 50 and 100 feet. This will set the closure standards to 100 ppm TPH, 10 ppm benzene and 50 ppm total BTEX. The soil was sampled for TPH via USEPA Method 8015, for BTEX via USEPA Method 8021, and for chlorides. The produced water was sampled for BTEX USEPA Method 8021. A spill has been confirmed at this location.

Describe Area Affected and Cleanup Action Taken.* Due to 200 BBLs of produced water leaking into the separator/pit tank berm a release has been confirmed at this location. A water truck was called and 200 BBLs of produced water was recovered from inside the berm and cellar. The sample results (attached) were below regulatory standards, and no further action is required.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD 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 NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist: 	
Printed Name: Kurt Hoekstra		
Title: EHS Coordinator	Approval Date: 3/8/2017	Expiration Date:
E-mail Address: Kurt.Hoekstra@xtoenergy.com	Conditions of Approval: NVF1704838030	Attached <input type="checkbox"/>
Date: 2-22-2017 Phone: 505-333-3100		

Attach Additional Sheets If Necessary

February 21, 2017

XTO Energy - San Juan Division

Sample Delivery Group: L891087
Samples Received: 02/18/2017
Project Number: 30-045-34034
Description: Lunt FC #5
Site: LUNT FC-5
Report To: Kurt Hoekstra
382 County Road 3100
Aztec, NM 87410

Entire Report Reviewed By:

Daphne R Richards

Daphne Richards
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.



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ONE LAB. NATIONWIDE.



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Cp

³Ss

⁴Cn

⁵Sr

⁶Qc

⁷Gl

⁸Al

⁹Sc

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



FARKH-021617-1300 L891087-01 GW

Collected by
Kurt HoekstraCollected date/time
02/16/17 13:00Received date/time
02/18/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method 8021B	WG953665	1	02/20/17 04:57	02/20/17 04:57	BMB

Cp

²Tc

FARKH-021617-1400 L891087-02 Solid

Collected by
Kurt HoekstraCollected date/time
02/16/17 14:00Received date/time
02/18/17 09:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Semi-Volatile Organic Compounds (GC) by Method 8015	WG953083	1	02/20/17 09:36	02/20/17 15:51	KLM
Total Solids by Method 2540 G-2011	WG953975	1	02/20/17 13:52	02/20/17 13:59	MEL
Volatile Organic Compounds (GC) by Method 8015D/GRO	WG953710	1	02/18/17 18:34	02/20/17 02:47	JAH
Volatile Organic Compounds (GC) by Method 8021B	WG953710	1	02/18/17 18:34	02/20/17 02:25	JAH
Wet Chemistry by Method 9056A	WG953634	1	02/20/17 12:12	02/21/17 03:42	SAM

⁴Cn⁵Sr⁶Qc⁷Gl⁸Al⁹Sc

CASE NARRATIVE

ONE LAB. NATIONWIDE.



All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Daphne Richards
Technical Service Representative

¹ Cp² Tc³ Ss⁵ Sr⁶ Qc⁷ Gl⁸ Al⁹ Sc



Volatile Organic Compounds (GC) by Method 8021B

Analyte	Result	Qualifier	RDL	Dilution	Analysis	Batch
	mg/l		mg/l		date / time	
Benzene	0.0011		0.000500	1	02/20/2017 04:57	<u>WG953665</u>
Toluene	0.00403		0.00100	1	02/20/2017 04:57	<u>WG953665</u>
Ethylbenzene	ND		0.000500	1	02/20/2017 04:57	<u>WG953665</u>
Total Xylene	0.0523		0.00150	1	02/20/2017 04:57	<u>WG953665</u>
(S) o,a,a-Trifluorotoluene(PID)	89.9		80.0-121		02/20/2017 04:57	<u>WG953665</u>

Cp

²Tc³Ss⁴Cn⁶Qc⁷Gl⁸Al⁹Sc



Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis date / time	Batch
Total Solids	85.2		1	02/20/2017 13:59	WG953975

Wet Chemistry by Method 9056A

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Chloride	732		11.7	1	02/21/2017 03:42	WG953634

Volatile Organic Compounds (GC) by Method 8015D/8021B/GRO

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
Benzene	ND		0.000587	1	02/20/2017 02:25	WG953710
TPH (GC/FID) Low Fraction	ND		0.117	1	02/20/2017 02:47	WG953710
Toluene	ND		0.00587	1	02/20/2017 02:25	WG953710
Ethylbenzene	ND		0.000587	1	02/20/2017 02:25	WG953710
Total Xylene	ND		0.00176	1	02/20/2017 02:25	WG953710
(S) a,a,a-Trifluorotoluene(FID)	89.8		77.0-120		02/20/2017 02:47	WG953710
(S) a,a,a-Trifluorotoluene(PID)	99.8		75.0-128		02/20/2017 02:25	WG953710

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis date / time	Batch
TPH (GC/FID) High Fraction	ND		4.69	1	02/20/2017 15:51	WG953083
(S) o-Terphenyl	70.9		18.0-148		02/20/2017 15:51	WG953083

WG953975

Total Solids by Method 2540 G-2011

QUALITY CONTROL SUMMARYL891087-02

Method Blank (MB)

(MB) R3198076-1 02/20/17 13:59

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	%		%	%
Total Solids	0.000700			

L891147-01 Original Sample (OS) • Duplicate (DUP)

(OS) L891147-01 02/20/17 13:59 • (DUP) R3198076-3 02/20/17 13:59

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	%	%		%		%
Total Solids	83.5	83.6	1	0.145		5

Laboratory Control Sample (LCS)

(LCS) R3198076-2 02/20/17 13:59

	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	<u>LCS Qualifier</u>
Analyte	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

ACCOUNT:
XTO Energy - San Juan DivisionPROJECT:
30-045-34034SDG:
L891087DATE/TIM
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WG953634

Wet Chemistry by Method 9056A

QUALITY CONTROL SUMMARY

L891087-02

Method Blank (MB)

(MB) R3198135-1 02/20/17 14:25

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
Chloride	U		0.795	10.0

L890640-01 Original Sample (OS) • Duplicate (DUP)

(OS) L890640-01 02/20/17 18:51 • (DUP) R3198135-4 02/20/17 19:11

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	48.7	48.6	1	0		15

L890824-08 Original Sample (OS) • Duplicate (DUP)

(OS) L890824-08 02/20/17 23:57 • (DUP) R3198135-7 02/21/17 00:18

	Original Result	DUP Result	Dilution	DUP RPD	<u>DUP Qualifier</u>	DUP RPD Limits
Analyte	mg/kg	mg/kg		%		%
Chloride	45.6	45.5	1	0		15

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3198135-2 02/20/17 14:46 • (LCSD) R3198135-3 02/20/17 15:06

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
Chloride	200	200	199	100	100	80-120			0	15

L890824-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L890824-02 02/20/17 20:33 • (MS) R3198135-5 02/20/17 20:54 • (MSD) R3198135-6 02/20/17 21:14

	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	R
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%
Chloride	500	50.0	555	543	101	99	1	80-120			2

ACCOUNT:
XTO Energy - San Juan DivisionPROJECT:
30-045-34034SDG:
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WG953710

Volatile Organic Compounds (GC) by Method 8015D/8021B/GRO

QUALITY CONTROL SUMMARY

L891087-02

Method Blank (MB)

(MB) R3197967-5 02/19/17 21:57

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.000120	0.000500
Toluene	0.000576	J	0.000150	0.00500
Ethylbenzene	0.000186	J	0.000110	0.000500
Total Xylene	U		0.000460	0.00150
TPH (GC/FID) Low Fraction	U		0.0217	0.100
(S) a,a,a-Trifluorotoluene(FID)	93.4			77.0-120
(S) a,a,a-Trifluorotoluene(PID)	102			75.0-128

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3197967-1 02/19/17 20:06 • (LCSD) R3197967-2 02/19/17 20:28

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	0.0475	0.0473	94.9	94.5	71.0-121			0.420	20
Toluene	0.0500	0.0475	0.0458	94.9	91.7	72.0-120			3.52	20
Ethylbenzene	0.0500	0.0467	0.0461	93.4	92.1	76.0-121			1.40	20
Total Xylene	0.150	0.144	0.140	95.7	93.3	75.0-124			2.54	20
(S) a,a,a-Trifluorotoluene(FID)				92.6	93.2	77.0-120				
(S) a,a,a-Trifluorotoluene(PID)				101	101	75.0-128				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3197967-3 02/19/17 20:51 • (LCSD) R3197967-4 02/19/17 21:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	5.50	5.38	5.29	97.8	96.3	70.0-136			1.59	20
(S) a,a,a-Trifluorotoluene(FID)				103	103	77.0-120				
(S) a,a,a-Trifluorotoluene(PID)				111	110	75.0-128				

L890560-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L890560-01 02/20/17 00:56 • (MS) R3197967-6 02/19/17 22:42 • (MSD) R3197967-7 02/19/17 23:05

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	R %
Benzene	0.0500	ND	0.0167	0.00603	33.4	12.1	1	10.0-146		J3	9
Toluene	0.0500	ND	0.0171	0.00635	33.9	12.3	1	10.0-143		J3	9
Ethylbenzene	0.0500	ND	0.0179	0.00653	35.5	12.7	1	10.0-147		J3	9
Total Xylene	0.150	ND	0.0553	0.0207	36.3	13.2	1	10.0-149	J6	J3 J6	9
(S) a,a,a-Trifluorotoluene(FID)					91.1	91.4		77.0-120			

ACCOUNT:
XTO Energy - San Juan DivisionPROJECT:
30-045-34034SDG:
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WG953710

Volatile Organic Compounds (GC) by Method 8015D/8021B/GRO

QUALITY CONTROL SUMMARY

L891087-02

L890560-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L890560-01 02/20/17 00:56 • (MS) R3197967-6 02/19/17 22:42 • (MSD) R3197967-7 02/19/17 23:05

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	R %
(S) a,a,a-Trifluorotoluene(PID)					99.0	99.7		75.0-128			

ACCOUNT:

XTO Energy - San Juan Division

PROJECT:

30-045-34034

SDG:

L891087

DATE/TIM

02/21/17 13

WG953665

Volatile Organic Compounds (GC) by Method 8021B

QUALITY CONTROL SUMMARY

L891087-01

Method Blank (MB)

(MB) R3198029-3 02/19/17 21:13

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Benzene	U		0.000190	0.000500
Toluene	U		0.000412	0.00100
Ethylbenzene	U		0.000160	0.000500
Total Xylene	U		0.000510	0.00150
(S) a,a,a-Trifluorotoluene(PID) 91.0			80.0-121	

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3198029-1 02/19/17 20:07 • (LCSD) R3198029-2 02/19/17 20:29

Analyte	Spike Amount mg/l	LCS Result mg/l	LCSD Result mg/l	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	0.0536	0.0527	107	105	71.0-121			1.82	20
Toluene	0.0500	0.0525	0.0518	105	104	72.0-120			1.42	20
Ethylbenzene	0.0500	0.0543	0.0533	109	107	75.0-122			1.77	20
Total Xylene	0.150	0.170	0.165	113	110	74.0-124			3.10	20
(S) a,a,a-Trifluorotoluene(PID)				96.6	100	80.0-121				

L889435-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L889435-02 02/19/17 22:42 • (MS) R3198029-4 02/19/17 23:04 • (MSD) R3198029-5 02/19/17 23:26

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	R %
Benzene	0.0500	0.000660	0.0345	0.0340	67.6	66.7	1	29.0-146			1.
Toluene	0.0500	0.000691	0.0367	0.0363	72.1	71.1	1	35.0-140			1.
Ethylbenzene	0.0500	0.00412	0.0455	0.0449	82.8	81.5	1	39.0-143			1.
Total Xylene	0.150	0.00704	0.145	0.142	91.8	90.2	1	42.0-142			1.
(S) a,a,a-Trifluorotoluene(PID)					149	145		80.0-121	J1	J1	

ACCOUNT:
XTO Energy - San Juan DivisionPROJECT:
30-045-34034SDG:
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02/21/17 13

WG953083

Semi-Volatile Organic Compounds (GC) by Method 8015

QUALITY CONTROL SUMMARY

L891087-02

Method Blank (MB)

(MB) R3198030-1 02/20/17 14:08

	MB Result	<u>MB Qualifier</u>	MB MDL	MB RDL
Analyte	mg/kg		mg/kg	mg/kg
TPH (GC/FID) High Fraction	U		0.769	4.00
(S) o-Terphenyl	57.9			18.0-148

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3198030-2 02/20/17 14:20 • (LCSD) R3198030-3 02/20/17 14:31

	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	<u>LCS Qualifier</u>	<u>LCSD Qualifier</u>	RPD	RPD Limits
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%
TPH (GC/FID) High Fraction	60.0	48.0	46.7	79.9	77.9	50.0-150			2.62	20
(S) o-Terphenyl				90.3	87.7	18.0-148				

L889332-03 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L889332-03 02/20/17 14:42 • (MS) R3198030-4 02/20/17 14:53 • (MSD) R3198030-5 02/20/17 15:05

	Spike Amount (dry)	Original Result (dry)	MS Result (dry)	MSD Result (dry)	MS Rec.	MSD Rec.	Dilution	Rec. Limits	<u>MS Qualifier</u>	<u>MSD Qualifier</u>	R
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%
TPH (GC/FID) High Fraction	62.4	ND	56.0	47.5	89.8	76.1	1	50.0-150			16
(S) o-Terphenyl					94.6	84.6		18.0-148			

ACCOUNT:
XTO Energy - San Juan DivisionPROJECT:
30-045-34034SDG:
L891087DATE/TIME:
02/21/17 13



Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
-----------	-------------

J	The identification of the analyte is acceptable; the reported value is an estimate.
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits.
J3	The associated batch QC was outside the established quality control range for precision.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.

¹ Cp² Tc³ Ss⁴ Cn⁵ Sr⁶ Qc⁸ Al⁹ Sc

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE**.
 * Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey-NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina ¹	DW21704
Florida	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	923	Ohio-VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky ¹	90010	South Dakota	n/a
Kentucky ²	16	Tennessee ¹⁴	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA - ISO 17025	1461.01	AIHA	100789
A2LA - ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ¹⁴ Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



ACCOUNT:

PROJECT:

SDG:

DATE/TIME:

PAGE:



Quote Number

Page ____ of ____

XTO Contact

KURT

XTO Contact Phone #

505-486-9543

Email Results to:

JAMES, KURT, LOGAN

Well Site/Location

LUNT FC # 5

API Number

30-045-34034

Saturday Delivery (Y) (N)

Collected By

KURT

Samples on Ice

(Y) (N)

Turnaround

Standard

Next Day

X Two Day

Three Day

Same Day

Test Reason

SPILL

Gray Areas for Lab Use Only!

Date Needed

Signature

Company

XTO

Analysis/Contam

TPH 8015

BTEX 8021

CHLORIDE

Sample ID

Sample Name

Media

Date

Time

Preservative

No. of
Conts.

FARJH-021617-1300

PRODUCED WATER CELLAR P/W

2-16

1:00

HCL

(2) VOC

X

X

FARJH-021617-1400

INSIDE BERM

S

2-16

2:00

ON ICE

1

X

X

X

Media: Filter = F, Soil = S, Wastewater = WW, Groundwater = GW, Drinking Water = DW, Sludge = SG, Surface Water = SW, Air = A, Drill Mud =

Relinquished By: (Signature)

Date:

2-17-17

Time:

1:30

Received By: (Signature)

6127 6739 4262

Relinquished By: (Signature)

Date:

Time:

Relinquished By: (Signature)

Date:

Time:

Received for Lab by: (Signature)

for V. Dean

Comments

* Sample ID will be the office and sampler-date-military time FARJM-MMDDYY-1200

ESC LAB SCIENCES
Cooler Receipt Form

Client:	XTORNM	SDG#	L8
Cooler Received/Opened On:	2/ 18 /17	Temperature:	3.6
Received By:	jon deboard		
Signature:	<i>Jon Deboard</i>		
Receipt Check List		NP	Yes
COC Seal Present / Intact?			✓
COC Signed / Accurate?			✓
Bottles arrive intact?			✓
Correct bottles used?			✓
Sufficient volume sent?			✓
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			

Andy Vann

ESC Lab Sciences
Non-Conformance Form

Login #: L891087	Client: XTORNM	Date: 2/18/17	Evaluated by: Jeremy
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Non-Conformance (check applicable items)

Sample Integrity		Chain of Custody Clarification	
Parameter(s) past holding time	x	Login Clarification Needed	If Broken Container:
Improper temperature		Chain of custody is incomplete	Insufficient packing material around container
Improper container type		Please specify Metals requested.	Insufficient packing material inside cooler
Improper preservation		Please specify TCLP requested.	Improper handling by carrier (FedEx / UPS / Couri
Insufficient sample volume.		Received additional samples not listed on coc.	Sample was frozen
Sample is biphasic.		Sample ids on containers do not match ids on coc	Container lid not intact
Vials received with headspace.		Trip Blank not received.	If no Chain of Custody:
Broken container		Client did not "X" analysis.	Received by:
Broken container:		Chain of Custody is missing	Date/Time:
Sufficient sample remains			Temp./Cont. Rec./pH:
			Carrier:
			Tracking#

Login Comments:

1. Received 1 Vial broken for GW sample. 1 remains
2. Did not receive Chloride sample for GW.

Client informed by:	Call	Email	Voice Mail	Date:	Time:
TSR Initials:	Client Contact:				

Login Instructions: