

AE Order Number Banner

Report Description

This report shows an AE Order Number in Barcode format for purposes of scanning. The Barcode format is Code 39.



App Number: pVF1623531671

144B **-** 14370

XTO ENERGY, INC

2/9/2018

State of New Mexico Energy Minerals and Natural Resources

District IV	1220 S. St. Francis Dr., Santa Fe, NM 87505 Sa						Submit 1 Copy to appropriate District accordance with 19.15.2 a Fe, NM 87505					
			Rel	ease Notific	catio	n and Co	orrective A	ction	l			
						OPERA	ГOR	1	Initi	al Report	\boxtimes	Final Repo
		TO Energy,				Contact: Ot						
		100, Aztec, N	lew Mex	ico 87410			No.: (505) 333-3	3100				
Facility Na	me: Burr (CDP				Facility Typ	e: NPF					
Surface Ow	ner: Feder	ral		Mineral (Owner				API No	o.:		
				LOCA	ATIO	N OF RE	LEASE				(*)	
Unit Letter	Section	Township	Range	Feet from the	North	/South Line	Feet from the	East/V	Vest Line	County		
F	20	29N	13W	1450	1	FNL	1850	F	WL	San Juan		
				Latitude 36.	.80291	Longit	ude -108.1443					
				NAT	FURE	OF REL						
Type of Rele							Release: N/A			Recovered: 1		
Source of Re	elease: N/A					Date and H N/A	Iour of Occurrence	ce:	Date and	Hour of Dis	scovery	: N/A
Was Immedi	ate Notice	Given?					Whom? N/A					
			Yes	No 🛛 Not R	equired							
By Whom?						Date and H						
Was a Water	course Rea		Yes 🗵	No		If YES, Vo	olume Impacting	the Wate	ercourse.	NS. DIV D	IST.	3
Describe Car beneath the l above the 'p location. The	use of Probl BGT was sa it rule' stand e site was ev	ampled for TPI dards of 100 p valuated with a	dial Actio H via USE pm TPH, a depth to	n Taken.* The be PA Method 8015 10 ppm benzene, groundwater grea ss of 10,000 PPM	5, for BT 50 ppm ater than	EX via USEF total BTEX, a	A Method 8021, and 250 ppm chlo	and for orides, co	to the closi total chlori onfirming t	ides. The sar	te. The nple re e has oc	turned result courred at thi
		and Cleanup A		ken.* A release ha	as been	confirmed due	e to TPH results o	of 257.8	PPM. Sam	ple results c	ollected	l are below
I hereby cert regulations a public health should their or the enviro	ify that the ill operators or the envi operations h nment. In a	information gi are required t ronment. The nave failed to a	iven above o report an acceptance adequately OCD accept	e is true and comp nd/or file certain r ce of a C-141 report v investigate and r otance of a C-141	release r ort by th remediat	notifications and the NMOCD m the contamination	nd perform correct arked as "Final R on that pose a thr e the operator of	ctive acti leport" d reat to gr responsi	ons for rel oes not rel ound wate bility for c	eases which ieve the ope r, surface wa compliance v	may entrator of ater, huwith any	ndanger f liability man health
							OIL CON	SERV	ATION	DIVISIO	DN	
Signature:	Ates	1 7249	*			Approved by	Environmental S	pecialist				
Printed Nam	e: Otto G. N	Naegele Jr.				James and a second	am	Y	~			
Title: EHS T	echnician					Approval Dat	e:2920	8	Expiration	Date:		
E-mail Addr	ess: otto_na	egele@xtoene	ergy.com			Conditions of				Attached		
	21/2017			505-333-3100								
Attach Addi	tional She	ets If Necess	ary			NVF	17067	32	355			



ANALYTICAL REPORT



XTO Energy - San Juan Division

Sample Delivery Group: Samples Received: Project Number: Description:

L942576 10/10/2017

Report To:

Otto Naegele 382 County Road 3100 Aztec, NM 87410

Entire Report Reviewed By: Napline 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, 060203, and 060304.

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Ss

Cn

Sr

Qc

GI

AI

⁹Sc

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ACCOUNT: XTO Energy - San Juan Division SDG: L942576 DATE/TIME: 10/18/17 10:24

SAMPLE SUMMARY

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ONE LAB. NATIONWIDE.

BURR COP BGT COM		576-01 Solid			Collected by Otto Naegle	1	Collected date/time 09/06/17 09:20	Received date/time 10/10/17 08:45
Method			Batch	Dilution	Preparation		Analysis	Analyst
					date/time		date/time	
Total Solids by Method 2540 G-2011			WG1030733	1	10/12/17 12:59		10/12/17 13:12	JD
Wet Chemistry by Method 9056A			WG1031224	1	10/13/17 12:00		10/13/17 17:24	KCF
Volatile Organic Compounds (GC) by	Method 8015/8021		WG1030419	1	10/11/17 11:10		10/12/17 00:25	BMB
Semi-Volatile Organic Compounds (GC) by Method 8015		WG1030941	1	10/15/17 06:18		10/15/17 18:32	ACM
Semi-volatile Organic Compounds (ac) by Method 6015		WG1050941		10/15/17 00.16		10/13/1/ 10.32	

² Tc
³ Ss
⁴ Cn
⁵Sr
⁶ Qc
⁷ GI
³ Al
⁹ Sc

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CASE NARRATIVE

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 radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. 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.

Vaplime R Richards

"我们!

Daphne Richards Technical Service Representative

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Tc Ss Cn Sr Qc GI AI Sc

BURR COP BGT COMPOSITE collected date/time: 09/06/17 09:20

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SAMPLE RESULTS - 01

Total Solids by Method 2540 G-2011

	Result	Qualifier	Dilution	Analysis	Batch	5.440 ⁰	1 Cp
Analyte	%			date / time			2
Total Solids	92.5	Q	1	10/12/2017 13:12	WG1030733		Tc
Wet Chemistry b	by Method 9056A						³ Ss
	Desult (des)	Qualifian	DDL /	de d	A sector in	Datab	

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time	28.7	4
Chloride	87.0	0	10.8	1	10/13/2017 17:24	WG1031224	

Volatile Organic Compounds (GC) by Method 8015/8021

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		mg/kg		date / time		
Chloride	87.0	0	10.8	1	10/13/2017 17:24	WG1031224	
Volatile Organic Comp	ounds (GC) b	by Method	8015/8021				
	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	1
Analyte	mg/kg		mg/kg		date / time		
Benzene	ND	Q	0.000540	1	10/12/2017 00:25	WG1030419	
Toluene	ND	Q	0.00540	1	10/12/2017 00:25	WG1030419	
Ethylbenzene	ND	Q	0.000540	1	10/12/2017 00:25	WG1030419	
Total Xylene	ND	Q	0.00162	1	10/12/2017 00:25	WG1030419	
TPH (GC/FID) Low Fraction	ND	Q	0.108	1	10/12/2017 00:25	WG1030419	
(S) a,a,a-Trifluorotoluene(FID)	96.1	R. Jan M.	77.0-120		10/12/2017 00:25	WG1030419	
(S) a,a,a-Trifluorotoiuene(PID)	102		75.0-128		10/12/2017 00:25	WG1030419	

Semi-Volatile Organic Compounds $\,\,({\rm GC})$ by Method 8015 $\,$

	Result (dry)	Qualifier	RDL (dry)	Dilution	Analysis	Batch	
Analyte	mg/kg		' mg/kg		date / time		
C10-C28 Diesel Range	95.8	Q	4.32	1	10/15/2017 18:32	WG103094	
C28-C40 Oil Range	162	Q	+.32	1	10/15/2017 18:32	WG1030941	
(S) c-Terphenyl	52.3	Ann Anna an Anna Anna Anna Anna Anna Ann	13.0-148		10/15/2017 18:32	WG1030941	

Nothed Plank (<u>L942576-01</u>	
Method Blank (I					- C
(MB) R3257098-1 10/		MB Qualifier MI	B MDL	MB RDL	
Analyte	%	%		%	T
Total Solids	0.0004	AND ADD INCOME. Married Second State			
					³ S
012590 01 Ori	ginal Sample (O	S) Duplica			L
	2/17 13:12 • (DUP) R32			/	- 40
05;1942589-01 10/1				DDD DUD Overleter DUP RPD	
	Original Result		lution DUP	P RPD DUP Qualifier Limits	55
Analyte		*	%	%	Ľ
Total Solids	86.9 8	86.5 1	0	5	G
					1
		5)			7
Laboratory Con	trol Sample (LCS	51			_ 0
		5)			L
Laboratory Con			CS Rec.	Rec. Limits <u>L^CS Qualifier</u>	8
	/12/17 13:12 Spike Amount L			Rec. Limits <u>LCS Qualifier</u>	⁸ A
LCS) R3257098-2 10	(12/17 13:12 Spike Amount L % %	LCS Restrict LC		Rec. Limits LC <u>S Qualifier</u>	⁸ A

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QUALITY CONTROL SUMMARY

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GI

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Sc

Wet Chemistry by Meth. d 90564 Method Blank (MB) (MB) R3257320-1 10/13/17 14:29 MB Result MB Qualifier MB MDL MB RDL Analyte mg/kg mg/kg mg/kg Chloride U 0.795 10.0 L942114-33 Original Sample (OS) • Duplicate (DUP) (OS) L942114-33 10/13/17 15:39 . (DUP) R3257320-4 10/13/17 15:48

		Original Result (dry)	DUP Result (dry)	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits	
ŀ	inalyte	mg/kg	mg/kg		%		%	
(hloride	4850	4750	10	2		15	

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

Sine #

WG1031224

(LCS) R3257320-2 10/13/	17 14:38 - (LCSD) R3257320-3	10/13/17 14:46	1							
	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits	
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	
Chloride	200	204	206	102	10.3	80-120			1	15	

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A 100 100 100 100 WG1030419 QUALITY CONTROL SUMMARY L942576-01 Volatile Organic Compounds (GC) by Method 8015/80

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ONE LAB. NATIONWIDE. 3

Method Blank (MB)

(MB) R3257154-5 10/11/17	20:21				P
	MB Result	MB Qualifier	MB MOL	MBRDL	2
Analyte	mg/kg		mg/kg	nig/kg	TC
Benzene	U.		0.000120	0.000500	
Toluene	0.000185	ī	0.000150	0.00500	³ Ss
Ethylbenzene	U		0.000110	0.000500	00
Total Xylene	U		0.000460	0.00150	4
TPH (GC/FID) Low Fraction	U		0.0217	0.100	Cn
(S) a,a,a-Trifluorotoluene(FID)	98.3			77.0-120	5
(S) a,a,a-Trifluorotoluene(PID)	105			75.0-128	Sr

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

(LCS) R3257154-1 10/11/17	18:31 • (LCSD) R	3257154-2 10	0/11/17 18:53								GI
	Spike Amount	LCS Result	LCSD Result	LCS N	LUS 0 Rec.	Rec. Limits	LCS Qualifier	LCSD Qualif	D	RPD Limits	
Analyte	mg/kg	mg/kg	mg/kg	%	%	%			%	%	A
leniene	0.0500	0.0475	0.0477	95.1	95.4	71.0-121			0.340	20	
oluane	0.0500	0.0480	0.0476	96.0	95.2	72.0-120			0.840	20	9
thylbenzene	0.0500	0.0500	0.0497	100	99.4	76.0-121			0.690	20	Sc
otal Xylene	0.150	0.156	0.153	104	10.2	75.0-124			1.94	20	
(S) n,a,a-ĩrifluorotoluene(FiD)				0	97.6	77.0-120					
(S) a, a, a-Trifluoroto!uene(PID)				103	102	75.0-128					

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

(LCS) R3257154-3 10/11/1	7 19:15 · (LCSD)	23257154-4 1	10/11/17 19:37									
Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec.	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	(181) 79(2)	RPD Limits %	
TPH (GC/FID) Low Fraction	5.50	6.07	6.0	110	109	70.0-136			1.14	11.1.00	20	
(S) a,a,a-Trifluorotoluene(FID)	Contraction of the			102	102	77.0-120						
(S) a,a,a-Trifluorotoluene(PID)				113	113	75.0-128						

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QUALITY CONTROL SUMMARY WG1030419 Volatile Organic Compounds (GC) by Method 8015/0021

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(OS) L942498-05 10/12/1	7 03:16 . (MS) R3	3257154-6 10/1	2/17 03.39 . (MSD) R3257154	-7 10/12/17 04:	01							· Cr
	Spike Amount	Original Result	MS R alt	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	SD Qualifier	RPD	RPD Limits	2
Analyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%	To
Benzene	0.0500	ND	0.677	0.695	54.2	55.6	25	10.0-146			2.53	29	
oluene	0.0500	ND	0.724	0,736	57.5	58.4	25	10.0-143	San Tain .		1.58	30	³ Ss
thylbenzene	0.0500	ND	0.830	0.846	66.4	67.7	25	10.0-147			1.92	31	
otal Xylene	0.150	ND	2 54	2.58	67.6	68.8	25	10.0-149	<u>J6</u>	<u>J6</u>	1.72	30	4
(S) n.a.a-Trifluorotoluene(FID)					98.6	98.5		77.0-120					C
(S) .a.a-Trifluorotoiuene(PID)					103	103		75.0-128					⁵ Sr
942498-05 Origi							D)						10 m
OS) L942498-05 10/12/1				,									G
	Spike Amount			MOD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	SQualifier	MSD Qualifier	RPD	RPD Limits	G
inalyte	mg/kg	mg/kg	mg/kg	mg/kg	%	%		%			%	%	1
PH (GC/FID) Low Fraction	5.50	ND	75.5	77.8	54.9	56.5	25	10.0-147			2.93	30	A
(S) ,a,a-Triffuorotoluene(FID)					<u>99</u> .	99.7		77.0-120					
(5)					108	108		75.0-128					Sc

L942498-05 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L942498-05 10/12/1	7 03:16 • (MS) R3	3257154-8 10/1	2/17 04:23 • (MSD) R3257154	1-9 10/12/17 0)4:45						
	Spike Amount	Original Result	MS Result	MOD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	S Qualifier	MSD Qualifier	RPD	RPD Limits
Anaiyte	mg/kg	nig/kg	mg/kg	mg/kg	%	%		%			%	%
TPH (GC/FID) Low Fraction	5.50	ND	75.5	77.8	54.9	56.5	25	10.0-147			2.93	30
(S) a,a,a-Trif ¹ uorotoluene(FID)					.cg .	99.7		77.0-120				
(S) a,a,a-Trif ⁱ uorotoluene(PID)					108	108		75.0-128				

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Method Blank (M	DI									2.1				
(MB) R3257614-1 10/15/			10.00											
Analyte	MB Result	MB Qualifier	MB .ADL	MB RDL molkg										
C10-C28 Diesel Range	U		1.61	4.00	Arrente repairements are					1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1				Annual (1997) (1997) (1997)
C28-C40 Oil Range	U U		0.274	4.00										3/6 955
S) o-Terphenyl	65		1000000	18.0-148										Shiet Fall
														2
Laboratory Contr	ol Sample (L	CS) • Labo	ratory Cont	rol Samp	ole Duplicat	e (LCSD)								
Laboratory Contr (LCS) R3257614-2 10/15				rol Samp	ble Duplicat	e (LCSD)								
(LCS) R3257614-2 10/15		R3257614-3		LCS Rec.	ble Duplicat	e (LCSD) Rec. Limits	LCS Qualifi	er LCSD Qu	ualifier RPD	RPD Lim	its			
(LCS) R3257614-2 10/15	/17 13:23 - (LCSD)	R3257614-3 LCS Result mg/kg	10/15/17 13:5				LCS Qualifi	er LCSD Qu	ualifier RPD %	RPD Lim %	its			
(LCS) R3257614-2 10/15 Analyte	/17 13:23 - (LCSD) Spike Amount	R3257614-3 LCS Result	10/15/ 7 13:5 LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifi	er LCSD Qu			its			
(LCS) R3257614-2 10/15 Analyte	/17 13:23 - (LCSD Spike Amount mg/kg	R3257614-3 LCS Result mg/kg	10/15/17 13:5 LCSD Resu: mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifi	er LCSD Qu	%	%	its			and the second se
(LCS) R3257614-2 10/19 Analyte C10-C28 Diesel Range	/17 13:23 - (LCSD Spike Amount mg/kg	R3257614-3 LCS Result mg/kg	10/15/17 13:5 LCSD Resu: mg/kg	LCS Rec. % 53.1	LCSD Rec. % 58.0	Rec. Limits % 50.0-150	LCS Qualifi	er <u>L.CSD Qu</u>	%	%	its	les interd		
(LCS) R3257614-2 10/15 Analyte C10-C28 Diesel Range <i>(S) o-Terphenyl</i>	/17 13:23 - (LCSD) Spike Amount mg/kg 60.0	R3257614-3 LCS Result mg/kg 31.9	10/15/ 7 19:5 LCSD Result mg/kg 34.8	LCS Rec. % 53.1 62.1	LCSD Rec. % 58.0 68.3	Rec. Limits % 50.0-150 <i>18.0-148</i>		er LCSD Qu	%	%	its			
(LCS) R3257614-2 10/15 Analyte C10-C26 Diesel Range (S) o-Terphenyl	/17 13:23 - (LCSD) Spike Amount mg/kg 60.0	R3257614-3 LCS Result mg/kg 31.9	10/15/ 7 19:5 LCSD Result mg/kg 34.8	LCS Rec. % 53.1 62.1	LCSD Rec. % 58.0 68.3	Rec. Limits % 50.0-150 <i>18.0-148</i>		er <u>LCSD Qu</u>	%	%	its			
(LCS) R3257614-2 10/15 Analyte C10-C25 Diesel Range (S) o-Terphenyl L942114-24 Criigi	/17 13:23 - (LCSD) Spike Amount mg/kg 60:0 nal Se (ウロック (R3257614-3 LCS Result mg/kg 31.9 DS) • Matri	10/15/ 7 13:5 LCSD Result mg/kg 34.8 × Spike (MS	LCS Rec. % 53.1 62.1 5) • Matrix	LCSD Rec. % 58.0 68.3 < Spike Dup	Rec. Limits % 50.0-150 <i>18.0-148</i> blicat⊖ (MSE		er <u>LCSD Qu</u>	%	%	its			
(LCS) R3257614-2 10/15 Analyte C10-C28 Diesel Range (S) o-Terphenyl L942114-24 Criigi	/17 13:23 - (LCSD Spike Amount mg/kg 60.0 nal Sc mp 2 (7 14 33 - (MS) R32 Spike Amount	R3257614-3 LCS Result mg/kg 31.9 DS) • Matri 57614-4 10/1 Original Resul	10/15/ 7 13:5 LCSD Resu: mg/kg 34.8 × Spike (MS	LCS Rec. % 53.1 62.1 5) • M atrip 0) R3257614 MS© Result	LCSD Rec. % 58.0 68.3 < Spike Dup	Rec. Limits % 50.0-150 <i>18.0-148</i> blicat⊖ (MSE)	er <u>LCSD Qu</u>	%	%	its	RPD Lim	its	
(LCS) R3257614-2 10/15 Analyte C10-C28 Diesel Range	/17 13:23 - (LCSD) Spike Amount mg/kg a0.0 nal Sc mp ≥ (C 7 14 33 - (MS) R32	R3257614-3 LCS Result mg/kg 31.9 DS) • Mətri 157614-4 10/11	10/15/ 7 10:5 LCSD Resu: mg/kg 34.8 × Spike (MS	LCS Rec. % 53.1 62.1 5) • Mintrip D) R3257614	LCSD Rec. % 58.0 68.3 < Spike Dup	Rec. Limits % 50.0-150 18.0-148 blicate (MSE) Dilution	git, eta	% 8.73	% 20		RPD Lim %	its	

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GLOSSARY OF TERMS

Tc

Ss

Cn

Sr

Qc

AI

Sc

Guide to Reading and Understanding Your Laboratory Report

MARY & NEWSTRAN AND

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Parount Difference.
SDG	Sample Delivery Group.
(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.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than it is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Samile	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.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" Beiov Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample iD and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of prepare on anal/c ¹ analysis.

Qualifier	Description
J	The identification of the analyte is acceptable; the reported value is an estimate.
J6	The sample metrix interfered with the ability to make any accurate determination; spike value is low.
Q	Sample was prepared and/or analyzed past recommended holding time. Concentrations should be considered minimum values.

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PROJECT:

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ACCREDITATIONS & LOCATIONS

ESC Lab Sciences is the only environmental laborator is correlated/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 peeds 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

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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	TNO 003	North Carolina	Env375
Conneticut	PH-019 /	North Carolina 1	DW21704
Florida [.]	E87487	North Carolina ²	41
Georgia	NELAP	North Dakota	R-140
Georgia ¹	16 023	Ohio-VAP	CL0069
daho	N00003	Oklahoma	9915
llinois	20008	Oregon	TN200002
Indiana 🤐 🐲	C _s TN-01	Pennsylvania	68-02979
lowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky 1	90010	South Dakota	n/a
Kentucky ²	16	Tennessee 14	2006
Louisiana	Al30792		T 104704245-07-TX
Maine	TN0002	Texas ⁵	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan Janua	9958	Virginia	109
Minnesote	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Misseuri	340	Wisconsin	9980939910
Montana	C 0. T0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

A2LA - ISO 1025	1461.01	AIHA-LAP,LLC	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 ⁴⁴ 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 could like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



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ACCOUNT: XTO Energy - San Juan Division PROJECT:

SDG: L94257 DATE/TIME: 10/18/17 10:24

PAGE: 12 of 14

	Quote Number			Page 1 of 1			Analysis/Cor				iner	Lab Information	
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