

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, 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

Form C-141  
Revised October 10, 2003

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

Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

**Release Notification and Corrective Action**

30-045-24437

**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) 333-3202
Facility Name: Eaton A # 1 E	Facility Type: Gas Well (Dakota)

Surface Owner: Private	Mineral Owner:	Lease No.: 48027483
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	25	29N	11W	1020	FNL	1450	FEL	San Juan

Latitude: N36.70134 Longitude: W-107.93856

**NATURE OF RELEASE**

Type of Release: Produced Water/Produced Oil	Volume of Release: 16 BBL produced oil, 20 BBL produced water	Volume Recovered: < 5 BBL produced water
Source of Release: Leaking Production Tank	Date and Hour of Occurrence: UNK	Date and Hour of Discovery: October 10 <sup>th</sup> 2012 8: 40 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Brandon Powell	<b>RCVD OCT 26 '12</b>
By Whom? Kurt Hoekstra	Date and Hour: October 10 <sup>th</sup> 2:15 pm	<b>OIL CONS. DIV.</b>
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	<b>DIST. 3</b>

If a Watercourse was Impacted, Describe Fully.\*  
Describe Cause of Problem and Remedial Action Taken.\*  
On October 10<sup>th</sup> 2012, produced water was noticed around the production tank and a release was confirmed when the lease operator gauged the tank. An estimated 16 BBL of oil and 20 BBL of produced water was lost, < 5 BBL of produced water was recovered. The site was then ranked a 30 pursuant to the NMOCD Guidelines for the Remediation of Leaks, Spills and Releases. This set the closure standards to 100 ppm TPH, 100 ppm organic vapors, or 10 ppm benzene and 50 ppm total BTEX.

Describe Area Affected and Cleanup Action Taken.\*  
On October 10<sup>th</sup> a composite sample was taken around the production tank inside the berm, this sample returned results below standards for TPH and BTEX indicating produced oil was not released in this spill. Another composite sample was taken on October 12<sup>th</sup> below the production tank footprint after the tank was moved, this sample also returned results below standards for TPH and BTEX indicating again no produced oil was lost in the spill. OCD was contacted and informed that the oil spill amount reported initially was incorrect. At this time OCD approved the tank to be reset and requested a chloride sample be taken. A chloride sample was taken on October 19<sup>th</sup> and returned results of 4170 ppm. Soil was excavated in the spill area inside the berm around the production tank at 18" to 21" deep and a composite sample was taken. The results indicated chlorides at 327 ppm, OCD was contacted and a request to close the shallow excavation was granted. Approximately 20 cy was removed and disposed of at IEI and backfilled with clean material. Please see the attached Analytical Results, and applicable field sheets for reference. No further action is required regarding this incident.

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.

Signature: <i>Kurt Hoekstra</i>	<b>OIL CONSERVATION DIVISION</b>	
Printed Name: Kurt Hoekstra	Approved by District Supervisor: <i>Jonah D. Kelly</i>	
Title: Sr. Environmental Technician	Approval Date: <i>1/8/2014</i>	Expiration Date:
E-mail Address: Kurt_Hoekstra@xtoenergy.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 10-25-2012	Phone: 505-333-3202	

nJK 1400839711

Kurt Hoekstra /FAR/CTOC  
10/10/2012 04:24 PM

To brandon.powell@state.nm.us  
cc James McDaniel/FAR/CTOC@CTOC, Logan  
Hixon/FAR/CTOC@CTOC  
bcc  
Subject Spill Eaton A # 1 E , 24 Hr. Notification

Brandon,

Please accept this email as the required 24 hour notification of a spill at the Eaton A # 1 E well site (API # 30-045-24437) located in Unit B, Section 25, Township 29N, Range 11W, San Juan County New Mexico. The spill was discovered on Wednesday , October 10th when produced water was noticed around the bottom of the production tank and confirmed when the lease operator gauged the tank. It was estimated that 16 BBL of produced oil, and 20 BBL of produced water leaked from the tank. All fluids stayed inside the berm, a vac truck arrived on location and recovered < 5 BBL of produced water and no oil. Groundwater is estimated to be less than 50 feet at this location. Samples will be taken from below the tank location when the tank is moved. Please contact me if you have any questions regarding this matter. Thank you.

Kurt Hoekstra  
Sr. Environmental Technician  
XTO Energy  
505-333-3202 Office  
505-486-9543 Cell  
Kurt\_Hoekstra@xtoenergy.com



## Report Summary

Client: XTO

Chain of Custody Number: 14538

Samples Received: 10-10-12

Job Number: 98031-0528

Sample Number(s): 63430

Project Name/Location: Eaton A #1E

Entire Report Reviewed By:

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke that extends to the right, ending in a large, open circle.

Date:

10/12/12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.



**EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

Client:	XTO	Project #:	98031-0528
Sample ID:	Surface/Spill	Date Reported:	10-11-12
Laboratory Number:	63430	Date Sampled:	10-10-12
Chain of Custody No:	14538	Date Received:	10-10-12
Sample Matrix:	Soil	Date Extracted:	10-10-12
Preservative:	Cool	Date Analyzed:	10-11-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	5.7	0.1
Total Petroleum Hydrocarbons	5.7	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Eaton A #1E**



**EPA Method 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

**Quality Assurance Report**

Client:	QA/QC	Project #:	N/A
Sample ID:	1011TCAL QA/QC	Date Reported:	10-11-12
Laboratory Number:	63430	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-11-12
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
<b>Gasoline Range C5 - C10</b>	10-11-12	9.9960E+02	1.0000E+03	0.04%	0 - 15%
<b>Diesel Range C10 - C28</b>	10-11-12	9.9960E+02	1.0000E+03	0.04%	0 - 15%

<b>Blank Conc. (mg/L - mg/Kg)</b>	Concentration	Detection Limit
<b>Gasoline Range C5 - C10</b>	ND	0.2
<b>Diesel Range C10 - C28</b>	ND	0.1
<b>Total Petroleum Hydrocarbons</b>	ND	

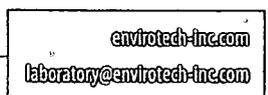
<b>Duplicate Conc. (mg/Kg)</b>	Sample	Duplicate	% Difference	Accept. Range
<b>Gasoline Range C5 - C10</b>	ND	ND	0.0%	0 - 30%
<b>Diesel Range C10 - C28</b>	5.7	5.9	3.5%	0 - 30%

<b>Spike Conc. (mg/Kg)</b>	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
<b>Gasoline Range C5 - C10</b>	ND	250	257	103%	75 - 125%
<b>Diesel Range C10 - C28</b>	5.7	250	287	112%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Was SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 63430 and 63433





**EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS**

Client:	XTO	Project #:	98031-0528
Sample ID:	Surface/ Spill	Date Reported:	10-11-12
Laboratory Number:	63430	Date Sampled:	10-10-12
Chain of Custody:	14538	Date Received:	10-10-12
Sample Matrix:	Soil	Date Analyzed:	10-11-12
Preservative:	Cool	Date Extracted:	10-10-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	125	10.0
Toluene	356	10.0
Ethylbenzene	31.0	10.0
p,m-Xylene	239	10.0
o-Xylene	88.9	10.0
<b>Total BTEX</b>	<b>839</b>	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	81.5 %
	1,4-difluorobenzene	87.8 %
	Bromochlorobenzene	82.5 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846. USEPA, December 1996.

**Comments: Eaton A #1E**



**EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS**

Client:	N/A	Project #:	N/A
Sample ID:	1011BCAL QA/QC	Date Reported:	10-11-12
Laboratory Number:	63430	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-11-12
Condition:	N/A	Analysis:	BTEX
		Dilution:	50

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
	Accept. Range 0-15%				
Benzene	1.2264E-05	1.2264E-05	0.000	ND	0.2
Toluene	1.0753E-05	1.0753E-05	0.000	ND	0.2
Ethylbenzene	1.1781E-05	1.1781E-05	0.000	ND	0.2
p,m-Xylene	8.5780E-06	8.5780E-06	0.000	ND	0.2
o-Xylene	1.1865E-05	1.1865E-05	0.000	ND	0.2

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	125	127	0.02	0 - 30%	10
Toluene	356	374	0.05	0 - 30%	10
Ethylbenzene	31.0	30.6	0.01	0 - 30%	10
p,m-Xylene	239	242	0.01	0 - 30%	10
o-Xylene	88.9	87.3	0.02	0 - 30%	10

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	125	2500	2410	91.8	39 - 150
Toluene	356	2500	2740	95.9	46 - 148
Ethylbenzene	31.0	2500	2300	90.9	32 - 160
p,m-Xylene	239	5000	4850	92.6	46 - 148
o-Xylene	88.9	2500	2360	91.2	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.  
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

**Comments: QA/QC for Samples 63430 and 63433**

RUSH

# CHAIN OF CUSTODY RECORD

14538

Client: XTD			Project Name / Location: EATON A# 1E			ANALYSIS / PARAMETERS																
Email results to: JAMES M <sup>c</sup> DANIEL KURT HOEKSTRA			Sampler Name: KURT			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact			
Client Phone No.:			Client No.: 98031-0528																			
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative																	
					HgCl <sub>2</sub>	HCl																
SURFACE/SPILL	10/10	2:00	03430	(1) 4oz. JAR				X	X												X	X
Relinquished by: (Signature) <i>Kurt Hoekstra</i>				Date	Time	Received by: (Signature) <i>William Joe</i>				Date	Time											
Relinquished by: (Signature)				10/10	3:00	Received by: (Signature)				10/10	3:00											
Sample Matrix																						
Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																						
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																						





## Report Summary

Client: XTO

Chain of Custody Number: 14543

Samples Received: 10-12-12

Job Number: 98031-0528

Sample Number(s): 63442

Project Name/Location: Eaton A #1E

Entire Report Reviewed By:

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Date:

10/16/12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.



**EPA METHOD 8015 Modified  
Nonhalogenated Volatile Organics  
Total Petroleum Hydrocarbons**

Client:	XTO	Project #:	98031-0528
Sample ID:	Below Prod Tank	Date Reported:	10-15-12
Laboratory Number:	63442	Date Sampled:	10-12-12
Chain of Custody No:	14543	Date Received:	10-12-12
Sample Matrix:	Soil	Date Extracted:	10-15-12
Preservative:	Cool	Date Analyzed:	10-15-12
Condition:	Intact	Analysis Requested:	8015 TPH

Parameter	Concentration (mg/Kg)	Det. Limit (mg/Kg)
Gasoline Range (C5 - C10)	ND	0.2
Diesel Range (C10 - C28)	39.4	0.1
<b>Total Petroleum Hydrocarbons</b>	<b>39.4</b>	

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Comments: **Eaton A #1E**



**EPA Method 8015 Modified**  
**Nonhalogenated Volatile Organics**  
**Total Petroleum Hydrocarbons**

**Quality Assurance Report**

Client:	QA/QC	Project #:	N/A
Sample ID:	1015TCAL QA/QC	Date Reported:	10-15-12
Laboratory Number:	63439	Date Sampled:	N/A
Sample Matrix:	Methylene Chloride	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-15-12
Condition:	N/A	Analysis Requested:	TPH

	I-Cal Date	I-Cal RF:	C-Cal RF:	% Difference	Accept. Range
Gasoline Range C5 - C10	10-15-12	9.9960E+02	1.0000E+03	0.04%	0 - 15%
Diesel Range C10 - C28	10-15-12	9.9960E+02	1.0000E+03	0.04%	0 - 15%

Blank Conc. (mg/L - mg/Kg)	Concentration	Detection Limit
Gasoline Range C5 - C10	ND	0.2
Diesel Range C10 - C28	ND	0.1
Total Petroleum Hydrocarbons	ND	

Duplicate Conc. (mg/Kg)	Sample	Duplicate	% Difference	Accept. Range
Gasoline Range C5 - C10	ND	ND	0.0%	0 - 30%
Diesel Range C10 - C28	ND	ND	0.0%	0 - 30%

Spike Conc. (mg/Kg)	Sample	Spike Added	Spike Result	% Recovery	Accept. Range
Gasoline Range C5 - C10	ND	250	310	124%	75 - 125%
Diesel Range C10 - C28	ND	250	293	117%	75 - 125%

ND - Parameter not detected at the stated detection limit.

References: Method 8015B, Nonhalogenated Volatile Organics, Test Methods for Evaluating Solid Was SW-846, USEPA, December 1996.

Comments: QA/QC for Samples 63439 and 63442



**EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS**

Client:	XTO	Project #:	98031-0528
Sample ID:	Below Prod Tank	Date Reported:	10-15-12
Laboratory Number:	63442	Date Sampled:	10-12-12
Chain of Custody:	14543	Date Received:	10-12-12
Sample Matrix:	Soil	Date Analyzed:	10-15-12
Preservative:	Cool	Date Extracted:	10-15-12
Condition:	Intact	Analysis Requested:	BTEX
		Dilution:	50

Parameter	Concentration (ug/Kg)	Det. Limit (ug/Kg)
Benzene	13.1	10.0
Toluene	24.3	10.0
Ethylbenzene	48.7	10.0
p,m-Xylene	86.4	10.0
o-Xylene	34.1	10.0
<b>Total BTEX</b>	<b>207</b>	

ND - Parameter not detected at the stated detection limit.

Surrogate Recoveries:	Parameter	Percent Recovery
	Fluorobenzene	81.1 %
	1,4-difluorobenzene	97.4 %
	Bromochlorobenzene	107 %

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

Method 8021B, Aromatic Volatile Organics, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.

**Comments: Eaton A #1E**



**EPA METHOD 8021  
AROMATIC VOLATILE ORGANICS**

Client:	N/A	Project #:	N/A
Sample ID:	1015BCAL QA/QC	Date Reported:	10-15-12
Laboratory Number:	63442	Date Sampled:	N/A
Sample Matrix:	Soil	Date Received:	N/A
Preservative:	N/A	Date Analyzed:	10-15-12
Condition:	N/A	Analysis:	BTEX
		Dilution:	50

Calibration and Detection Limits (ug/L)	I-Cal RF:	C-Cal RF:	%Diff.	Blank Conc	Detect. Limit
		Accept. Range 0-15%			
Benzene	1.1641E-05	1.1739E-05	0.008	ND	0.2
Toluene	9.9320E-06	1.0040E-05	0.011	ND	0.2
Ethylbenzene	1.0577E-05	1.0815E-05	0.023	ND	0.2
p,m-Xylene	7.7780E-06	7.7998E-06	0.003	ND	0.2
o-Xylene	1.0832E-05	1.0832E-05	0.000	ND	0.2

Duplicate Conc. (ug/Kg)	Sample	Duplicate	%Diff.	Accept Range	Detect. Limit
Benzene	13.1	14.0	0.069	0 - 30%	10
Toluene	24.3	24.2	0.004	0 - 30%	10
Ethylbenzene	48.7	49.3	0.012	0 - 30%	10
p,m-Xylene	86.4	87.6	0.014	0 - 30%	10
o-Xylene	34.1	35.3	0.035	0 - 30%	10

Spike Conc. (ug/Kg)	Sample	Amount Spiked	Spiked Sample	% Recovery	Accept Range
Benzene	13.1	2500	2480	98.7	39 - 150
Toluene	24.3	2500	2490	98.6	46 - 148
Ethylbenzene	48.7	2500	2570	101	32 - 160
p,m-Xylene	86.4	5000	5150	101	46 - 148
o-Xylene	34.1	2500	2540	100	46 - 148

ND - Parameter not detected at the stated detection limit.

Dilution: Spike and spiked sample concentration represent a dilution proportional to sample dilution.

References: Method 5030B, Purge-and-Trap, Test Methods for Evaluating Solid Waste, SW-846, USEPA, December 1996.  
Method 8021B, Aromatic and Halogenated Volatiles by Gas Chromatography Using Photoionization and/or Electrolytic Conductivity Detectors, SW-846, USEPA December 1996.

**Comments: QA/QC for Samples 63434-63438 and 63442**

# CHAIN OF CUSTODY RECORD

14543

Client: <b>XTO</b>		Project Name / Location: <b>EATON A# 1E</b>				ANALYSIS / PARAMETERS																
Email results to: <b>JAMES MCDANIEL KURT HOEKSTRA</b>		Sampler Name: <b>KURT</b>				TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact			
Client Phone No.:		Client No.: <b>98031-0528</b>																				
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative			TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
					HgCl <sub>2</sub>	HCl																
<b>BELOW PROD TANK</b>	<b>10/12</b>	<b>8:15</b>	<b>6344.2 0-3</b>	<b>1 4oz JAR</b>				<b>X</b>	<b>X</b>												<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Relinquished by: (Signature) <i>Kurt Hoekstra</i>				Date	Time	Received by: (Signature) <i>[Signature]</i>				Date	Time											
Relinquished by: (Signature)				10/12	12:55	Received by: (Signature)				10/12/12	12:55											
Sample Matrix Soil <input checked="" type="checkbox"/> Solid <input type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																						
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																						

*RUSH*



5795 US Highway 64 • Farmington, NM 87401 • 505-632-0615 • Three Springs • 65 Mercado Street, Suite 115, Durango, CO 81301 • laboratory@envirotech-inc.com



## Report Summary

Client: XTO

Chain of Custody Number: 14553

Samples Received: 10-16-12

Job Number: 98031-0528

Sample Number(s): 63462

Project Name/Location: Eaton A #1E

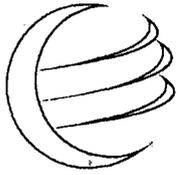
Entire Report Reviewed By:

A handwritten signature in black ink, appearing to be "L. B.", is written over a horizontal line.

Date:

10/17/12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.



**envirotech**  
Analytical Laboratory

**Chloride**

Client:	XTO	Project #:	98031-0528
Sample ID:	Spill Inside Berm	Date Reported:	10-17-12
Lab ID#:	63462	Date Sampled:	10-16-12
Sample Matrix:	Soil	Date Received:	10-16-12
Preservative:	Cool	Date Analyzed:	10-16-12
Condition:	Intact	Chain of Custody:	14553

Parameter	Concentration (mg/Kg)
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**Total Chloride**

**4,170**

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.  
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Eaton A #1E**

RUSH

# CHAIN OF CUSTODY RECORD

14553

Client: XTO		Project Name / Location: EATON A#1E		ANALYSIS / PARAMETERS											
Email results to: JAMES M <sup>CS</sup> DANIEL KURT HOGKSTIEN		Sampler Name: KURT		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact
Client Phone No.:		Client No.: 98031-0528													

Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative		TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE	Sample Cool	Sample Intact	
					HgCl <sub>2</sub>	HCl													
SPILL INSIDE BERM	10/16	10:15	634621	4oz Jar												X		X	X

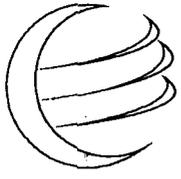
Relinquished by: (Signature) <i>Kurt Hogksten</i>	Date 10/16	Time 10:45	Received by: (Signature) <i>William Joe</i>	Date 10/16	Time 10:45
Relinquished by: (Signature)			Received by: (Signature)		

Sample Matrix  
 Soil  Solid  Sludge  Aqueous  Other

Sample(s) dropped off after hours to secure drop off area.



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**envirotech**  
Analytical Laboratory

## Report Summary

Client: XTO

Chain of Custody Number: 14576

Samples Received: 10-19-12

Job Number: 98031-0528

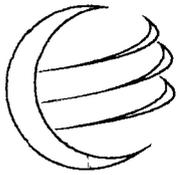
Sample Number(s): 63509

Project Name/Location: Eaton A #1E

Entire Report Reviewed By:

Date: 10/23/12

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.



Client:	XTO	Project #:	98031-0528
Sample ID:	Excavation 18"-21" Deep	Date Reported:	10-22-12
Lab ID#:	63509	Date Sampled:	10-19-12
Sample Matrix:	Soil	Date Received:	10-19-12
Preservative:	Cool	Date Analyzed:	10-22-12
Condition:	Intact	Chain of Custody:	14576

Parameter	Concentration (mg/Kg)
-----------	-----------------------

**Total Chloride**

**327**

Reference: U.S.E.P.A., 4500B, "Methods for Chemical Analysis of Water and Wastes", 1983.  
Standard Methods For The Examination of Water And Waste Water", 18th ed., 1992.

Comments: **Eaton A #1E**

RUSH

# CHAIN OF CUSTODY RECORD

14576

Client: <b>XTO</b>		Project Name / Location: <b>EASTON A# IE</b>				ANALYSIS / PARAMETERS														
Email results to: <b>JAMES MCDANIEL KURT HEKSTRA</b>		Sampler Name: <b>KURT</b>				TPH (Method 8015)	BTEX (Method 8021)	VOC (Method 8260)	RCRA 8 Metals	Cation / Anion	RCI	TCLP with H/P	CO Table 910-1	TPH (418.1)	CHLORIDE			Sample Cool	Sample Intact	
Client Phone No.:		Client No.: <b>98031-0528</b>																		
Sample No./ Identification	Sample Date	Sample Time	Lab No.	No./Volume of Containers	Preservative															
					HgCl <sub>2</sub>	HCl														
<b>EXCAVATION 18" - 21" DEEP</b>	<b>10/19</b>	<b>12:15</b>	<b>63509</b>	<b>1 4oz JAR</b>															<b>Y</b>	<b>Y</b>
Relinquished by: (Signature) <i>Kurt Hekstra</i>				Date	Time	Received by: (Signature) <i>Gene Zazzi</i>				Date	Time									
Relinquished by: (Signature)				10/19	4:40	Received by: (Signature)				10/19	4:45									
Sample Matrix																				
Solid <input checked="" type="checkbox"/> Sludge <input type="checkbox"/> Aqueous <input type="checkbox"/> Other <input type="checkbox"/>																				
<input type="checkbox"/> Sample(s) dropped off after hours to secure drop off area.																				
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# XTO Energy On-Site Form

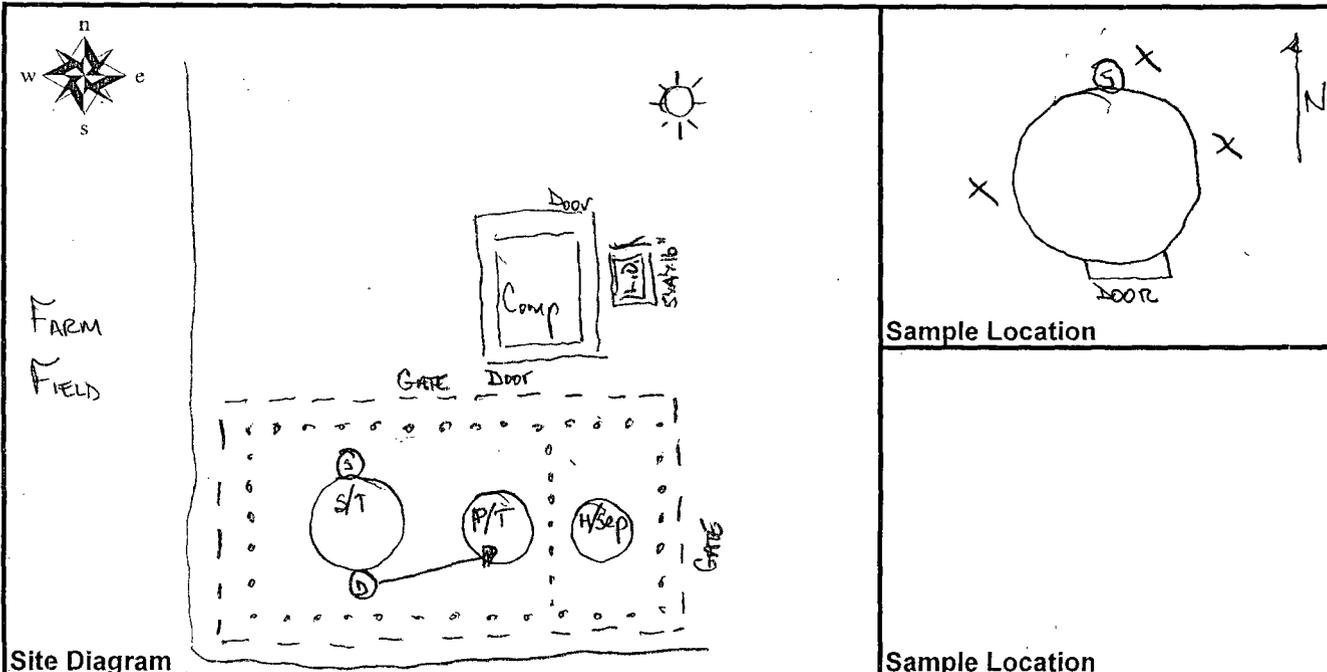
Well Name EATON A# 1E API # 30-045-24437

Section 25B Township 29N Range 11W County SAN JUAN

Contractors On-Site \_\_\_\_\_ Time On-Site 9:15 Time Off-Site \_\_\_\_\_

Spill Amount \_\_\_\_\_ bbls Spilled ( Oil / Produced Water / Other \_\_\_\_\_ )

Land Use ( Grazing / Residential / Tribe FARMLAND ) Excavation \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_ deep



Site Diagram  
Spill Reported by CHRIS BRANWELL @ 8:40 AM.  
Comments 16 BBL OIL, 20 BBL WATER

Sample Location  
Number of Photos Taken \_\_\_\_\_

Samples LAT. 36° 70155  
LONG. 107° -93944

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
	NA	100 Standard	NA	PID	NA
2:00		3pt. Comp. N.E.W. outside of tank footprint		9:17pm	8015, 8021

Name (Print) KURT HOEKSTRA Date 10-10-12

Name (Signature) Kurt Hoekstra Company XTO



# XTO Energy On-Site Form

Well Name EATON A#1E API # 30-045-24437

Section 25B Township 29N Range 11W County SAN JUAN

Contractors On-Site TPC CONSTRUCTION Time On-Site 10:00 Time Off-Site 12:15

Spill Amount \_\_\_\_\_ bbls Spilled ( Oil / Produced Water / Other \_\_\_\_\_ )

Land Use ( Grazing / Residential / Tribe \_\_\_\_\_ ) Excavation \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_ deep

<p>Site Diagram</p>	<p>Sample Location 18"-21" Deep</p>
<p>Comments</p>	<p>Number of Photos Taken</p>

### Samples

Time	Sample #	Sample Description	Characteristics	OVM (ppm)	Analysis Requested
	NA	100 Standard	NA		NA
12:15		21" Deep Composite	AROUND TANK		CHLORIDE

Name (Print) KURT HOEKSTRA

Date 10-19-12

Name (Signature) Kurt Hoekstra

Company XTO