



26 December 2016

Ms. Henryetta Price
Environmental Protection Specialist
BLM
620 E. Greene Street
Carlsbad, New Mexico 88220

13 Feb 2017: NMOCD defers closure of 1RP-4398 until site closure or retrofit.

RE: Final Closure Report
XTO Energy – SDE 31 Tank Battery
UL-F, Section 31, Township 23 South, Range 32 East
Lea County, New Mexico
NMOCD Reference # 1RP-4398

Ms. Price:

The following *Final Closure Report* serves as a condensed update on closure activities for the above referenced Site.

Background Information:

A hose on the suction side of an injection pump had a hole rubbed in it from laying on the ground. A vacuum truck was dispatched to clean up all fluid possible. The spill was contained inside berm area around injection pumps.

Remediation Activities:

EPI personnel mobilized on the site on August 12, 2016 to collect soil samples to determine the vertical extent of contamination. A total of ten (10) soil samples were collected from two (2) sample locations; SP1 and SP2. All samples were jarred, chilled and sent to Cardinal Labs for Chloride testing. Laboratory analytical results indicate Chloride concentrations in excess of NMOCD Recommended Remedial Action Levels (NMOCD RRALs) of 1,000 mg/Kg at SP1 to three (3) feet bgs and SP2 to two (2) feet bgs (reference Figure 3 and Table 2).

The release area around SP1 was excavated approximately three (3) foot bgs; the release area around SP2 was excavated approximately two (2) feet bgs. Approximately 178 tons of contaminated material were excavated and transported to a state approved facility for disposal.

On November 16, 2016 soil samples were collected from the side walls and bottoms of the excavations. A total of ten (10) soil samples were collected from the excavations. All samples were jarred, chilled and sent to Cardinal Labs for Chloride testing. Laboratory analytical results indicate Chloride concentrations in excess of NMOCD RRALs of 1,000 mg/Kg in the A1NW, A1EW, A2NW, and A2EW samples (reference Figure 3 and Table 2). The process equipment to the east and process lines to the north prevent further excavation.

Closure Activities:

Based on laboratory analytical results and with NMOCD and BLM approval, the excavations have been backfilled with approximately 178 tons of clean soil; soil was free of deleterious material or rocks or large clumps.

Backfilling continued until the entire excavation was closed. Upon completion of backfill activities, the entire disturbed area was contoured to blend with existing pad area and protected against wind/water erosion.

Should you have any questions or concerns please feel free to contact me at (575) 394-3481 or via e-mail at ddominguezepi@gmail.com or Mr. John Robinson at (575) 441-5199 or via e-mail at john_robinson@xtoenergy.com. All official communication should be addressed to:

Mr. John Robinson
XTO Energy
P.O. Box 700
Eunice, NM 88231

Sincerely,

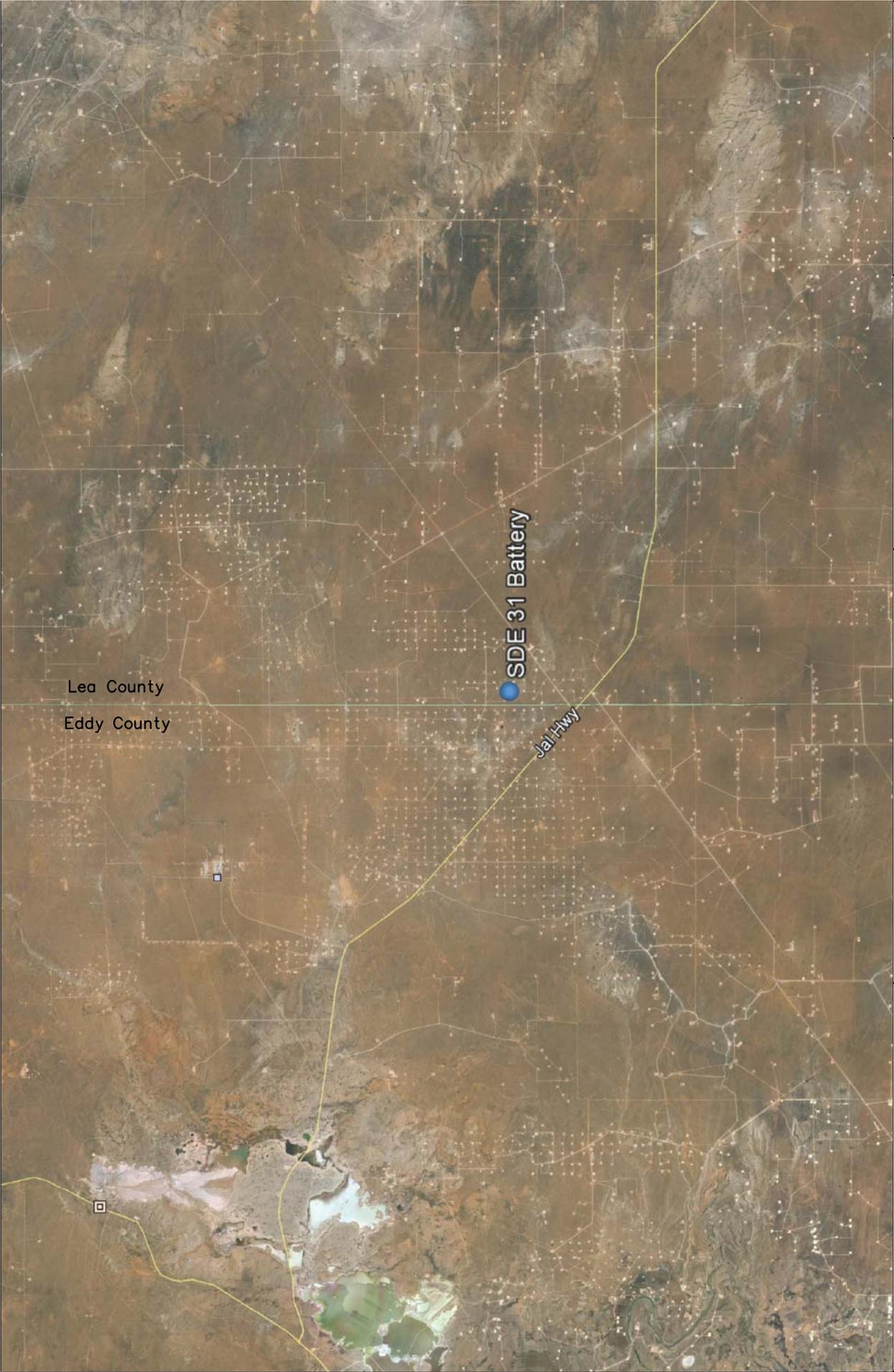
ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

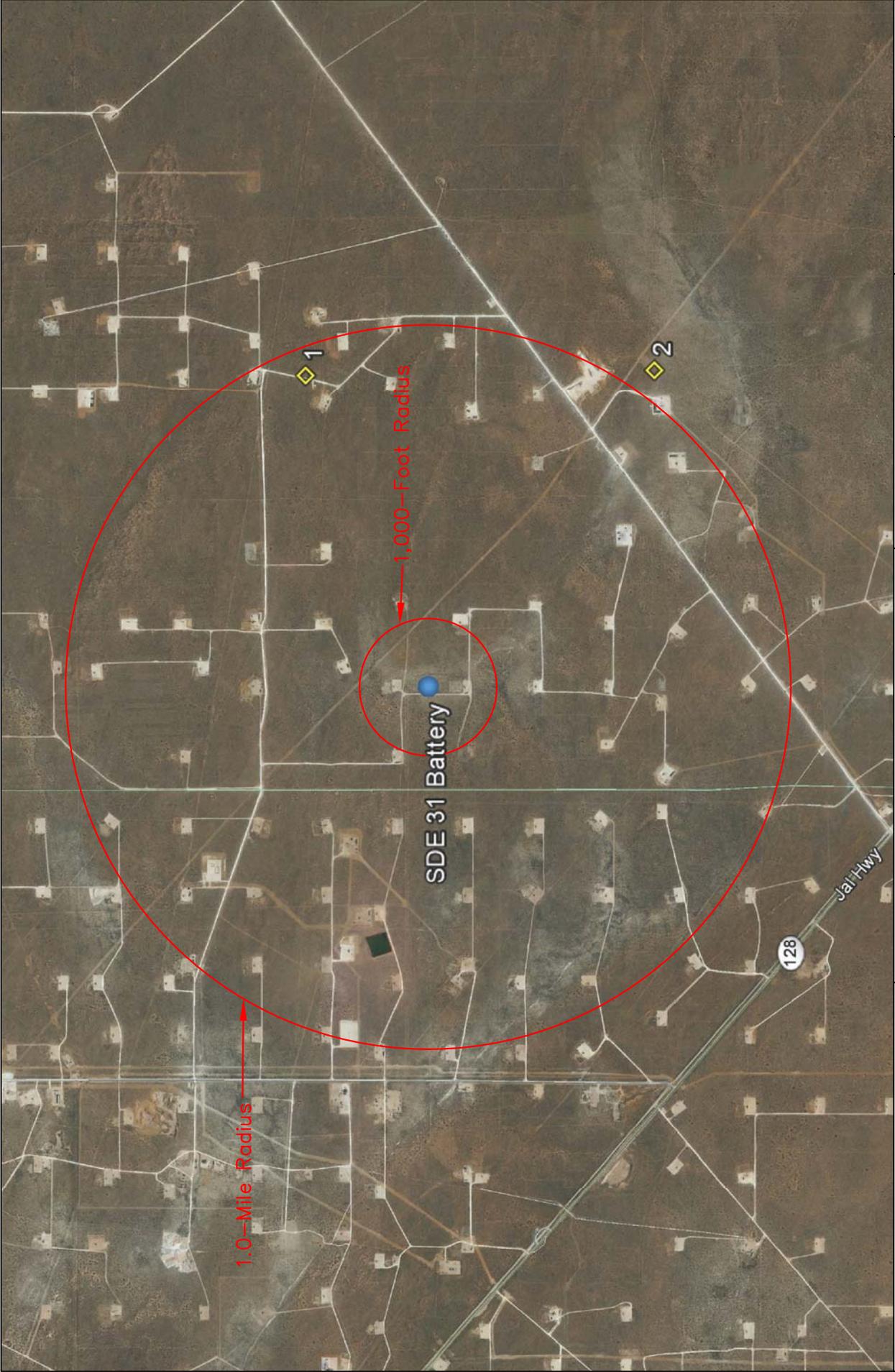
cc: John Robinson, Maintenance Foreman – XTO Energy
Kristen Lynch, Environmental Specialist – NMOCD
File

Encl.: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Sample/Site Map
Table 1 – Well Data
Table 2 – Summary of Soil Sample Field Testing and Laboratory Analytical Results
Attachment I – Photographs
Attachment II – Laboratory Analytical Results
Attachment II – Copy of Initial NMOCD Form C-141, Final C-141

FIGURES



<p>Figure 1 Area Map XTO Energy SDE 31 Battery</p>	<p>Lea County, New Mexico SE 1/4 of NW 1/4, Sec. 31, T23S, R32E N 32° 15' 52.78" W 103° 42' 59.72" Elevation: 3,586 feet amsl</p>		<p>DWG By: D Dominguez August 2016</p>	<p>REVISED:</p>	
	<p>0 3 6 Miles</p>				



DWG By: D Dominguez
August 2016

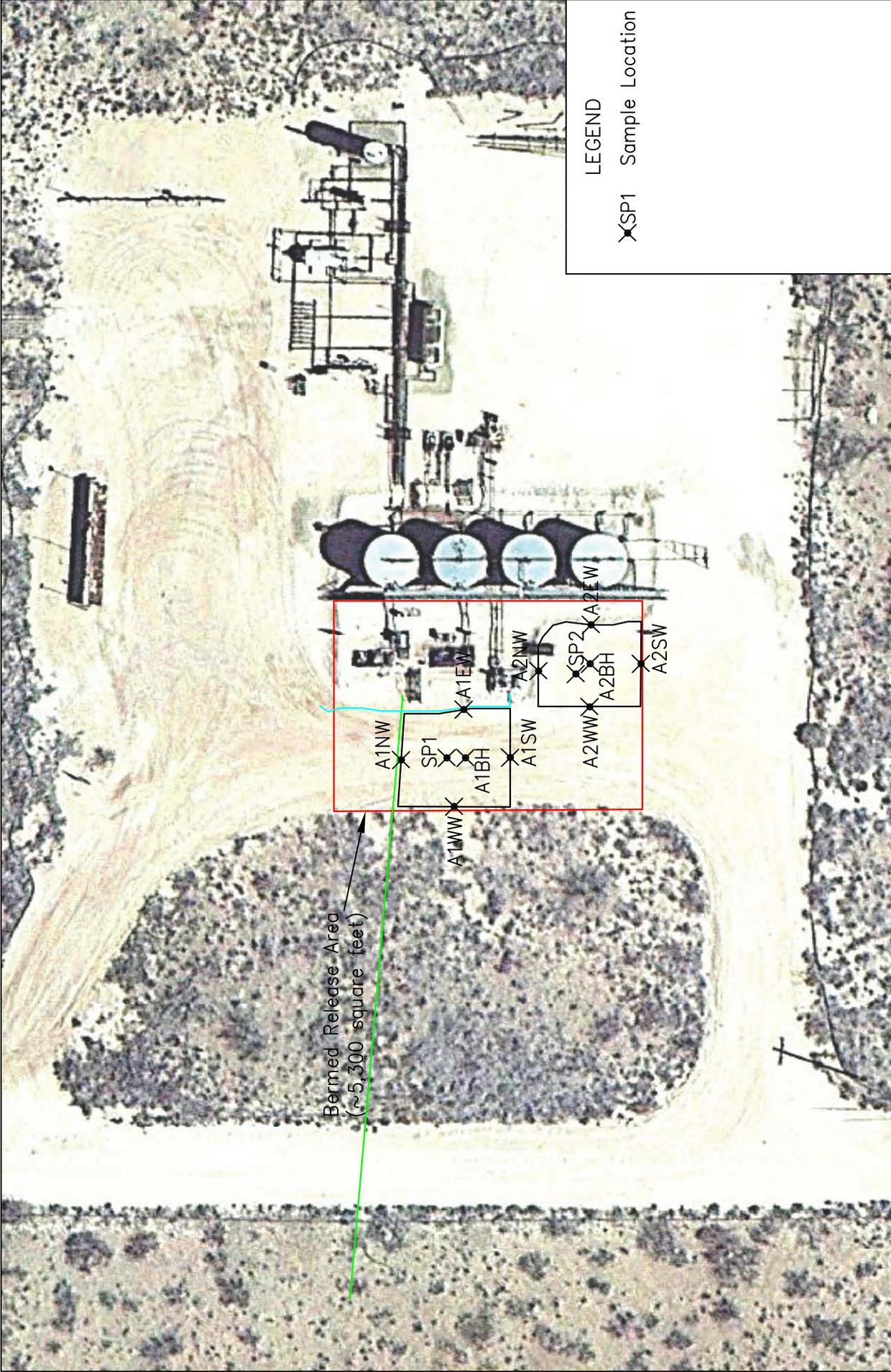
REVISED:

0	2,000	4,000	SHEET
			1 of 1

Feet

Lea County, New Mexico
SE 1/4 of NW 1/4, Sec. 31, T23S, R32E
N 32° 15' 52.78" W 103° 42' 59.72"
Elevation: 3,586 feet amsl

Figure 2
Site Location Map
XTO Energy
SDE 31 Battery



Bermed Release Area
 (~5,300 square feet)

LEGEND

X SP1 Sample Location

DWG By: D Dominguez
 August 2016

REVISED:

0 40 80
 Feet

SHEET
 1 of 1

Lea County, New Mexico
 SE 1/4 of NW 1/4, Sec. 31, T23S, R32E
 N 32° 15' 52.78" W 103° 42' 59.72"
 Elevation: 3,586 feet amsl

Figure 3
 Sample/Site Map
 XTO Energy
 SDE 31 Battery

TABLES

TABLE 1
Well Data

XTO Energy - SDE 31 Tank Battery

Ref #	Well Number	Diversion ^A	Owner	Use	Twsp	Rng	Sec	q64	q16	q4	Easting	Northing	Distance ^B	Date Measured	Surface Elevation ^C	Depth to Water (ft bgs)
1	C 03529	3	US DEPT. OF INTERIOR - BLM	STK	23S	32E	29	2	4	3	622654	3571212	1,898		3,680	
2	C 03555	3	MARK MCCLOY	STK	24S	32E	5	2	2	1	622709	3569231	2,223	21-Oct-13	3,651	380

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet)

^A = In acre feet per annum

^B = In meters

^C = Elevation interpolated from USGS topographical map based on referenced location.

STK = 72-12-1 Livestock watering

quarters are 1 = NW, 2 = NE, 3 = SW, 4 = SE; quarters are smallest to biggest

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
XTO Energy
SDE 31 Tank Battery

Sample ID	Depth (feet)	Soil Status	Sample Date	PID Reading (ppm)	Field Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	Total Xylenes (mg/Kg)	Total BTEX (mg/Kg)	GRO C6-C10 (mg/Kg)	DRO C10-C28 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
A2BH	2	In Situ	16-Nov-16	--	160	--	--	--	--	--	--	--	--	48
A2NW	1	In Situ	16-Nov-16	--	1,520	--	--	--	--	--	--	--	--	1,520
A2EW	1	In Situ	16-Nov-16	--	1,120	--	--	--	--	--	--	--	--	1,120
A2SW	1	In Situ	16-Nov-16	--	240	--	--	--	--	--	--	--	--	80
A2WW	1	In Situ	16-Nov-16	--	240	--	--	--	--	--	--	--	--	80
NMOCD Recommended Remedial Action Levels				100		10				50			5,000	1,000

-- = Not Analyzed

Bold values are in excess of NMOCD Recommended Remedial Action Levels

ATTACHMENTS

ATTACHMENT I
Photographs



Photograph #1 – Release area



Photograph #2 – Release area



Photograph #3 – Release area



Photograph #4 – Excavations



Photograph #5 – Excavation A1



Photograph #6 – Excavation A2



Photograph #7 – Backfilled



Photograph #8 – Backfilled

ATTACHMENT II
Laboratory Analytical Results



August 18, 2016

Daniel Dominguez
Environmental Plus, Inc.
P.O. Box 1558
Eunice, NM 88231

RE: SDE #31 FEDERAL BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/16/16 15:20.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

 Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

Received:	08/16/2016	Sampling Date:	08/12/2016
Reported:	08/18/2016	Sampling Type:	Soil
Project Name:	SDE #31 FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL-F SEC. 31, T23S, R32E		

Sample ID: SP 1 (SURFACE) (H601828-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16800	16.0	08/17/2016	ND	448	112	400	3.64	

Sample ID: SP 1 (1') (H601828-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	08/17/2016	ND	448	112	400	3.64	

Sample ID: SP 1 (2') (H601828-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3400	16.0	08/17/2016	ND	448	112	400	3.64	

Sample ID: SP 1 (3') (H601828-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3520	16.0	08/17/2016	ND	448	112	400	3.64	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

Received:	08/16/2016	Sampling Date:	08/12/2016
Reported:	08/18/2016	Sampling Type:	Soil
Project Name:	SDE #31 FEDERAL BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL-F SEC. 31, T23S, R32E		

Sample ID: SP 1 (4') (H601828-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	08/17/2016	ND	416	104	400	0.00	

Sample ID: SP 2 (SURFACE) (H601828-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	21200	16.0	08/17/2016	ND	416	104	400	0.00	

Sample ID: SP 2 (1') (H601828-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	14400	16.0	08/17/2016	ND	416	104	400	0.00	

Sample ID: SP 2 (2') (H601828-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	08/17/2016	ND	416	104	400	0.00	

Sample ID: SP 2 (3') (H601828-09)

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	08/17/2016	ND	416	104	400	0.00	

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

 Received: 08/16/2016
 Reported: 08/18/2016
 Project Name: SDE #31 FEDERAL BATTERY
 Project Number: NONE GIVEN
 Project Location: UL-F SEC. 31, T23S, R32E

 Sampling Date: 08/12/2016
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Angela Cabrera

Sample ID: SP 2 (4') (H601828-10)
Chloride, SM4500Cl-B
mg/kg
Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/17/2016	ND	416	104	400	0.00	

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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



Celey D. Keene, Lab Director/Quality Manager

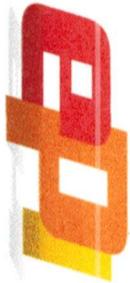
Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231
 (575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

LAB Cardinal

Company Name		Environmental Plus, Inc.		Bill To		ANALYSIS REQUEST	
EPI Project Manager		Daniel Dominguez		Attn: Daniel Dominguez			
Mailing Address		P.O. BOX 1558		P.O. Box 1558			
City, State, Zip		Eunice New Mexico 88231		Eunice, NM 88231			
EPI Phone#/Fax#		575-394-3481 / 575-394-2601					
Client Company		XTO					
Facility Name		SDE #31 Federal Battery					
Location		UL-F Sec. 31, T23S, R32E					
Project Reference							
EPI Sampler Name		David Robinson					

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING	DATE	TIME	BTX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH	
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:													
H001808																						
1	SP1 (Surface)	G	1			X					X		12-Aug-16	10:05			X					
2	SP1 (1')	G	1			X					X		12-Aug-16	10:06			X					
3	SP1 (2')	G	1			X					X		12-Aug-16	10:07			X					
4	SP1 (3')	G	1			X					X		12-Aug-16	10:08			X					
5	SP1 (4')	G	1			X					X		12-Aug-16	10:09			X					
6	SP2 (Surface)	G	1			X					X		12-Aug-16	11:10			X					
7	SP2 (1')	G	1			X					X		12-Aug-16	11:11			X					
8	SP2 (2')	G	1			X					X		12-Aug-16	11:12			X					
9	SP2 (3')	G	1			X					X		12-Aug-16	11:13			X					
10	SP2 (4')	G	1			X					X		12-Aug-16	11:14			X					

Relinquished by:	Date	Received By:	Date
<i>David Robinson</i>	8/15/16	<i>David Robinson</i>	8/16/16
Time	6:00 am	Time	3:25 pm
Relinquished by:	Date	Received By: (lab staff)	Date
<i>David Robinson</i>	8/16/16	<i>David Robinson</i>	8/16/16
Time	3:25 pm	Time	3:25 pm
Delivered by:	Temperature	Sample Cool & Intact	Checked By:
<i>David Robinson</i>	-12.1°C	Yes	<i>David Robinson</i>
		NO	50 #75

NOTES: E-mail results to: ddominguezepi@gmail.com & john_robinson@xtoenergy.com



November 17, 2016

Daniel Dominguez
Environmental Plus, Inc.
P.O. Box 1558
Eunice, NM 88231

RE: SDE #31 FEDERAL BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 11/16/16 12:32.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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.

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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)

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This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene
Lab Director/Quality Manager

Analytical Results For:

 Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

Received:	11/16/2016	Sampling Date:	11/16/2016
Reported:	11/17/2016	Sampling Type:	Soil
Project Name:	SDE #31 FEDERAL BATTERY	Sampling Condition:	** (See Notes)
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	UL-F SEC. 31, T23S, R32E		

Sample ID: A 1 BH (H602574-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	11/17/2016	ND	432	108	400	0.00	

Sample ID: A 1 NW (H602574-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1720	16.0	11/17/2016	ND	432	108	400	0.00	

Sample ID: A 1 EW (H602574-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5200	16.0	11/17/2016	ND	432	108	400	0.00	

Sample ID: A 1 SW (H602574-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	11/17/2016	ND	432	108	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

 Received: 11/16/2016
 Reported: 11/17/2016
 Project Name: SDE #31 FEDERAL BATTERY
 Project Number: NONE GIVEN
 Project Location: UL-F SEC. 31, T23S, R32E

 Sampling Date: 11/16/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: A 1 WW (H602574-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/17/2016	ND	432	108	400	0.00	

Sample ID: A 2 BH (H602574-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	11/17/2016	ND	416	104	400	0.00	QM-07

Sample ID: A 2 NW (H602574-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1520	16.0	11/17/2016	ND	416	104	400	0.00	

Sample ID: A 2 EW (H602574-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	11/17/2016	ND	416	104	400	0.00	

Sample ID: A 2 SW (H602574-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/17/2016	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 Environmental Plus, Inc.
 Daniel Dominguez
 P.O. Box 1558
 Eunice NM, 88231
 Fax To: (505) 394-2601

 Received: 11/16/2016
 Reported: 11/17/2016
 Project Name: SDE #31 FEDERAL BATTERY
 Project Number: NONE GIVEN
 Project Location: UL-F SEC. 31, T23S, R32E

 Sampling Date: 11/16/2016
 Sampling Type: Soil
 Sampling Condition: ** (See Notes)
 Sample Received By: Celey D. Keene

Sample ID: A 2 WW (H602574-10)
Chloride, SM4500Cl-B
mg/kg
Analyzed By: AC

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/17/2016	ND	416	104	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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



Celey D. Keene, Lab Director/Quality Manager

Environmental Plus, Inc.

2100 Avenue O, Eunice, NM 88231
 (575) 394-3481 FAX: (575) 394-2601

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form

LAB Cardinal

Company Name: Environmental Plus, Inc.
 EPI Project Manager: Daniel Dominguez
 Mailing Address: P.O. BOX 1558
 City, State, Zip: Eunice New Mexico 88231
 EPI Phone#/Fax#: 575-394-3481 / 575-394-2601
 Client Company: XTO
 Facility Name: SDE #31 Federal Battery
 Location: UL-F Sec. 31, T23S, R32E
 Project Reference: UL-F Sec. 31, T23S, R32E
 EPI Sampler Name: David Robinson

Bill To
 Attn: Daniel Dominguez
 P.O. Box 1558
 Eunice, NM 88231



LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING		DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ⁼)	pH	TCLP	OTHER >>>	PAH	
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:		ACID/BASE	ICE/COOL											OTHER
1 A1BH		G	1			X						16-Nov-16	9:10	X		X							
2 A1NW		G	1			X						16-Nov-16	9:11	X		X							
3 A1EW		G	1			X						16-Nov-16	9:12	X		X							
4 A1SW		G	1			X						16-Nov-16	9:13	X		X							
5 A1WW		G	1			X						16-Nov-16	9:14	X		X							
6 A2BH		G	1			X						16-Nov-16	10:00	X		X							
7 A2NW		G	1			X						16-Nov-16	10:01	X		X							
8 A2EW		G	1			X						16-Nov-16	10:02	X		X							
9 A2SW		G	1			X						16-Nov-16	10:03	X		X							
10 A2WW		G	1			X						16-Nov-16	10:04	X		X							

Sampler Relinquished: [Signature]
 Relinquished by: [Signature]
 Date: 11-16-16
 Time: 12:32
 Received By: [Signature]
 Date: 12:32
 Time: [Signature]

Received By: [Signature]
 Date: 11-16-16
 Time: 12:32
 Sample Cool & Intact: Yes (No)
 Checked By: [Signature]

Delivered by: [Signature]
 8:40c
 #75

E-mail results to: ddominguezepi@gmail.com & john_robinson@xtoenergy.com
 NOTES:

ATTACHMENT III
Copy of Initial NMOCD Form C-141
Final C-141

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

Form C-141
Revised August 8, 2011

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

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 John Robinson
Address 500 W Illinois, Midland, TX 79701	Telephone No. 575-441-5199
Facility Name SDE 31 Battery	Facility Type Battery
Surface Owner BLM	Mineral Owner
API No.	

LOCATION OF RELEASE

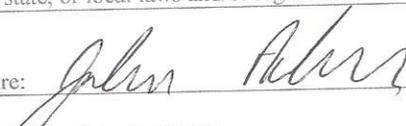
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	31	23 S	32 E	1980	North	1980	West	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Produced Water and Oil	Volume of Release 86.86 bbls Water .01 bbls Oil	Volume Recovered 85 bbls water
Source of Release Suction hose on injection pump	Date and Hour of Occurrence 8-8-16 2:00am	Date and Hour of Discovery 8-8-16 2:00 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Shelly Tucker BLM Jamie Keyes OCD	
By Whom? Bo Jackson	Date and Hour 8-8-16 11:00 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.	
If a Watercourse was Impacted, Describe Fully.*		
Describe Cause of Problem and Remedial Action Taken.* Hose on suction side of injection pump had a hole rubbed in it from laying on the ground. Had a vacuum truck clean up all fluid possible.		
Describe Area Affected and Cleanup Action Taken.* Spill was contained inside berm area around injection pumps. Will clean up contaminated soil and replace with clean soil.		
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: John Robinson	Approval Date:	Expiration Date:
Title: Maintenance Foreman	Conditions of Approval:	
E-mail Address: john_robinson@xtoenergy.com	Attached <input type="checkbox"/>	
Date: 8-10-16 Phone: 575-441-5199		

* Attach Additional Sheets If Necessary

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

Form C-141
Revised August 8, 2011

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

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

INFORMATION ONLY

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: XTO Energy, Inc.	Contact: John Robinson
Address: 500 W. Illinois, Suite 100 Midland, TX 79701	Telephone No. 575-441-5199
Facility Name: SDE 31 Battery; IRP #4398	Facility Type: Battery

Surface Owner: BLM	Mineral Owner:	API No.
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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
F	31	23S	32E	1980	South	1980	East	Lea

Latitude: N 32.264661° Longitude: W 103.716590°

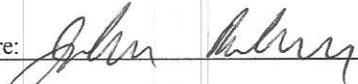
NATURE OF RELEASE

Type of Release: produced water and oil	Volume of Release: 86.86 bbls water .01 bbls oil	Volume Recovered: 85 bbls water
Source of Release: suction hose on injection pump	Date and Hour of Occurrence: 8-8-16 @ 2:00 am	Date and Hour of Discovery: 8-8-16 @ 2:00 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Shelly Tucker BLM Jamie Keyes OCD	
By Whom? Bo Jackson	Date and Hour: 8-8-16 @ 11:00 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: Not Applicable	
If a Watercourse was Impacted, Describe Fully.* Not Applicable		

Describe Cause of Problem and Remedial Action Taken.*
Hose on suction side of injection pump had a hole rubbed in it from laying on the ground. Had a vacuum truck clean up all fluid possible.

Describe Area Affected and Cleanup Action Taken.*
Spill was contained inside berm area around injection pumps. The release area has been excavated and contaminated soil hauled to a state approved disposal facility. Soil samples were collected and sent Cardinal Labs in Hobbs, NM for testing. Based on laboratory analytical data, NMOCD and BLM approval the excavation has been backfilled with clean soil.

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: 		OIL CONSERVATION DIVISION	
Printed Name: John Robinson		Approved by Environmental Specialist:	
Title: Maintenance Foreman		Approval Date:	Expiration Date:
E-mail Address: john_robinson@xtoenergy.com		Conditions of Approval:	
Date:	Phone: 575-441-5199	Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary