



7 October 2016

Ms. Kristen Lynch
Environmental Specialist
NMOCD
1625 North French Drive
Hobbs, New Mexico 88240

NMOCD
REVIEWED & Field Inspection Performed
By Kristen Lynch at 1:36 pm, Oct 19, 2016

APPROVED
Backfill

RE: Remediation Progress Report and Closure Proposal
XTO Energy – AGU #135
UL-J, Section 35, Township 21 South, Range 36 East
Lea County, New Mexico
NMOCD Reference # 1RP-4414

Ms. Lynch:

The following *Remediation Progress Report and Closure Proposal* serves as a condensed update on remedial activities undertaken and closure proposal for the above referenced Site.

Remediation Progress:

EPI personnel mobilized on the site on August 30, 2016 to collect soil samples to determine the vertical extent of contamination. A total of thirteen (13) soil samples were collected from six (6) sample locations; SP1 – SP6. Ten (10) representative samples were jarred, chilled and sent to Cardinal Labs for testing. Laboratory analytical results indicate, with the exception of TPH at surface level at SP1, the release area to be void of Benzene, BTEX, TPH and Chloride concentrations in excess of NMOCD Recommended Remedial Action Levels (NMOCD RRALs) of 10 mg/Kg, 50 mg/Kg, 5,000 mg/Kg, and 1,000 mg/Kg, respectively (reference *Figure 3* and *Table 2*).

The entire release area has been excavated approximately six (6) inches bgs, the area around SP3 was excavated approximately eight (8) feet bgs to repair the damaged line, and the contaminated soil has been hauled to a state approved facility for disposal.

Closure Proposal:

Based on laboratory analytical results indicating the release area to be void of constituent contaminants in excess of NMOCD RRALs, EPI proposes to backfill the excavated area with clean soil. All soil will be free of rocks, clumps or deleterious material. Backfilling will continue until the entire excavation is closed. Upon completion of backfill activities, the entire disturbed area will be contoured to blend with existing lease road and pasture area and protected against wind/water erosion.

Following completion of closure activities, EPI will provide a detailed *Final Closure Report* to XTO and NMOCD personnel.

XTO Energy and EPI personnel would welcome an opportunity to briefly discuss the *Closure Proposal* at your earliest convenience. However, 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, New Mexico 88231

Sincerely,

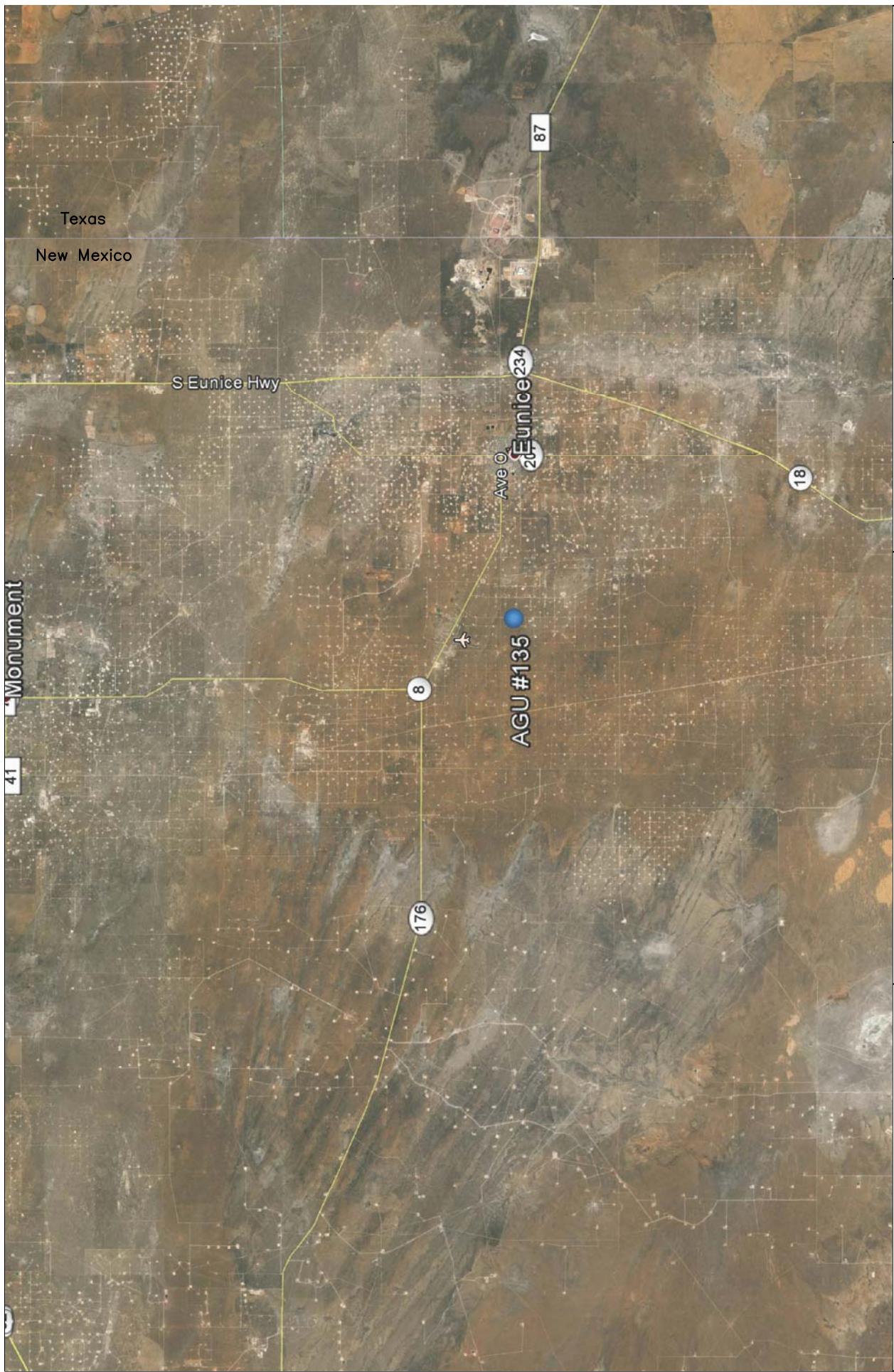
ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

cc: John Robinson – XTO Energy
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 III – Copy of Initial NMOCD Form C-141

FIGURES



<div data-bbox="1339 88 1526 283"> </div> <div data-bbox="1339 283 1526 472"> <div>DWG By: D Dominguez September 2016</div> <div>REVISED:</div> </div> <div data-bbox="1339 472 1526 856"> <div> <div>0</div> <div>3</div> <div>6</div> </div> <div>SHEET 1 of 1</div> <div>Miles</div> </div>	<div data-bbox="1339 856 1526 1465"> <div>Lea County, New Mexico</div> <div>NW 1/4 of SE 1/4, Sec. 35, T21S, R36E</div> <div>N 32° 26' 16.38" W 103° 13' 48.61"</div> <div>Elevation: 3,552 feet amsl</div> </div>	<div data-bbox="1339 1465 1526 2005"> <div>Figure 1</div> <div>Area Map</div> <div>XTO Energy</div> <div>AGU #135</div> </div>
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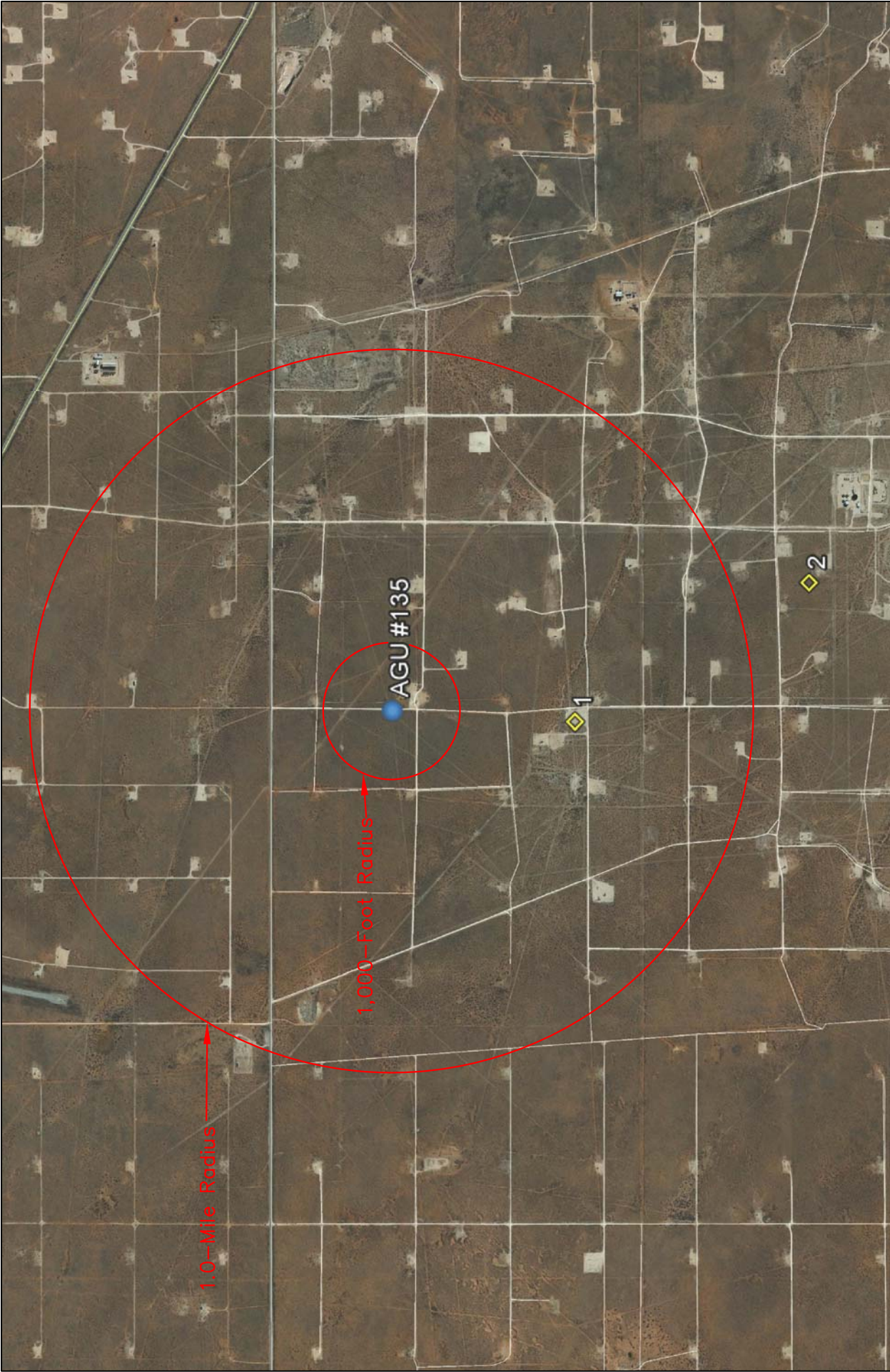
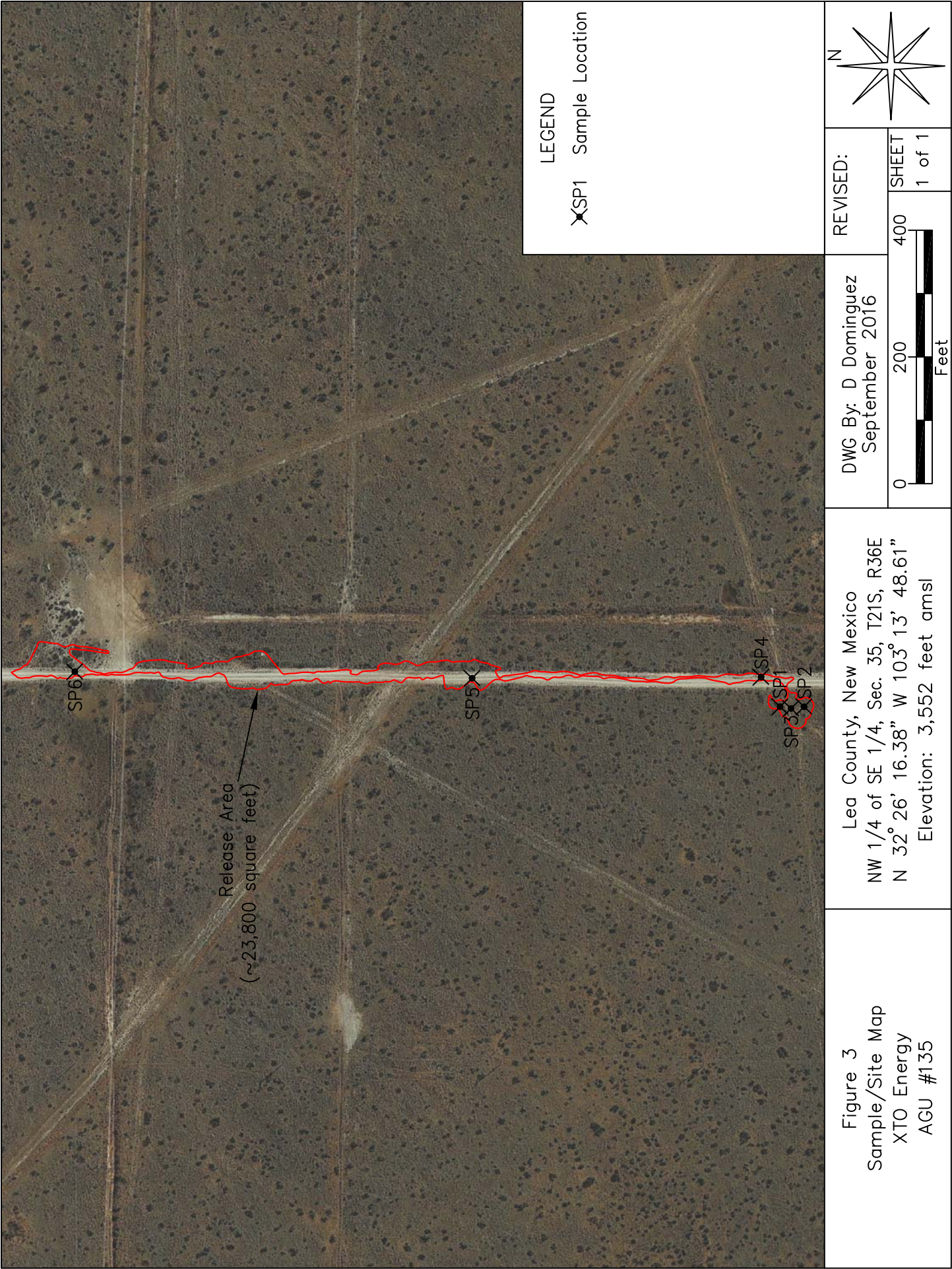


Figure 2 Site Location Map XTO Energy AGU #135	Lea County, New Mexico NW 1/4 of SE 1/4, Sec. 35, T21S, R36E N 32° 26' 16.38" W 103° 13' 48.61" Elevation: 3,552 feet amsl	DWG By: D Dominguez September 2016	REVISED:			
		0	2,000		4,000	SHEET
		 Feet			1 of 1	



TABLES

TABLE 1

Well Data

XTO Energy - AGU #135

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	CP 00760	0	CHEVRON USA, Inc	SRO	21S	36E	35	1	4	4	666347	3589567	786	--	3,569	--
2	CP 00761	0	CHEVRON USA, Inc	SRO	22S	36E	1	4	3	1	666964	3588569	1,875	--	3,532	--

* = 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.

SRO = Secondary Recovery Of Oil

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
AGU #135

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)
SP1	Surface	Excavated	30-Aug-16	288	160	<0.050	0.332	0.889	3.37	4.59	206	13,000	13,206	32
	1	In Situ	30-Aug-16	14.0	400	--	--	--	--	--	--	--	--	--
	2	In Situ	30-Aug-16	3.0	400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	608
	3	In Situ	30-Aug-16	0.8	320	--	--	--	--	--	--	--	--	--
	4	In Situ	30-Aug-16	0.7	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SP2	Surface	Excavated	30-Aug-16	13.3	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	20.1	20.1	48
	1	In Situ	30-Aug-16	2.9	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	80
	2	In Situ	30-Aug-16	1.1	120	--	--	--	--	--	--	--	--	--
SP3	8	In Situ	30-Aug-16	5.2	480	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	544
	10	In Situ	30-Aug-16	0.4	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	144
SP4	Surface	Excavated	30-Aug-16	1.2	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SP5	Surface	Excavated	30-Aug-16	0.4	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	<16.0
SP6	Surface	Excavated	30-Aug-16	0.5	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<20.0	96
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 – Looking across release area



Photograph #2 – Looking across release area



Photograph #3 – Looking across release area



Photograph #4 – Looking across release area



Photograph #5 – Looking across release area



Photograph #6 – Looking across release area



Photograph #7 – Looking across release area



Photograph #8 – Excavated area



Photograph #9 – Excavated area



Photograph #10 – Excavated area

ATTACHMENT II
Laboratory Analytical Results

September 07, 2016

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: AGU #135

Enclosed are the results of analyses for samples received by the laboratory on 08/31/16 15:30.

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,



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:	08/31/2016	Sampling Date:	08/30/2016
Reported:	09/07/2016	Sampling Type:	Soil
Project Name:	AGU #135	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL- J SEC.35,T21S,R36E		

Sample ID: SP1 (SURFACE) (H601963-01)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2016	ND	2.08	104	2.00	0.112	
Toluene*	0.332	0.050	09/02/2016	ND	2.10	105	2.00	0.220	
Ethylbenzene*	0.889	0.050	09/02/2016	ND	2.01	101	2.00	0.109	
Total Xylenes*	3.37	0.150	09/02/2016	ND	6.12	102	6.00	0.141	
Total BTX	4.59	0.300	09/02/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 135 % 73.6-140

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	09/02/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	206	100	09/01/2016	ND	176	87.8	200	3.80		
DRO >C10-C28	13000	100	09/01/2016	ND	185	92.4	200	5.03		

Surrogate: 1-Chlorooctane 160 % 35-147

Surrogate: 1-Chlorooctadecane 333 % 28-171

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:	08/31/2016	Sampling Date:	08/30/2016
Reported:	09/07/2016	Sampling Type:	Soil
Project Name:	AGU #135	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL- J SEC.35,T21S,R36E		

Sample ID: SP1 (2') (H601963-02)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2016	ND	2.08	104	2.00	0.112	
Toluene*	<0.050	0.050	09/02/2016	ND	2.10	105	2.00	0.220	
Ethylbenzene*	<0.050	0.050	09/02/2016	ND	2.01	101	2.00	0.109	
Total Xylenes*	<0.150	0.150	09/02/2016	ND	6.12	102	6.00	0.141	
Total BTEx	<0.300	0.300	09/02/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	09/02/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/01/2016	ND	176	87.8	200	3.80	
DRO >C10-C28	<10.0	10.0	09/01/2016	ND	185	92.4	200	5.03	

Surrogate: 1-Chlorooctane 90.3 % 35-147

Surrogate: 1-Chlorooctadecane 92.3 % 28-171

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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:	08/31/2016	Sampling Date:	08/30/2016
Reported:	09/07/2016	Sampling Type:	Soil
Project Name:	AGU #135	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL- J SEC.35,T21S,R36E		

Sample ID: SP1 (4') (H601963-03)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2016	ND	2.13	107	2.00	0.929	
Toluene*	<0.050	0.050	09/06/2016	ND	2.18	109	2.00	1.23	
Ethylbenzene*	<0.050	0.050	09/06/2016	ND	2.11	105	2.00	0.932	
Total Xylenes*	<0.150	0.150	09/06/2016	ND	6.41	107	6.00	0.744	
Total BTEx	<0.300	0.300	09/06/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/01/2016	ND	176	87.8	200	3.80	
DRO >C10-C28	<10.0	10.0	09/01/2016	ND	185	92.4	200	5.03	

Surrogate: 1-Chlorooctane 102 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

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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:	08/31/2016	Sampling Date:	08/30/2016
Reported:	09/07/2016	Sampling Type:	Soil
Project Name:	AGU #135	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL- J SEC.35,T21S,R36E		

Sample ID: SP2 (SURFACE) (H601963-04)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2016	ND	2.13	107	2.00	0.929	
Toluene*	<0.050	0.050	09/06/2016	ND	2.18	109	2.00	1.23	
Ethylbenzene*	<0.050	0.050	09/06/2016	ND	2.11	105	2.00	0.932	
Total Xylenes*	<0.150	0.150	09/06/2016	ND	6.41	107	6.00	0.744	
Total BTX	<0.300	0.300	09/06/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 73.6-140

Chloride, SM4500CI-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	09/02/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/01/2016	ND	176	87.8	200	3.80	
DRO >C10-C28	20.1	10.0	09/01/2016	ND	185	92.4	200	5.03	

Surrogate: 1-Chlorooctane 97.3 % 35-147

Surrogate: 1-Chlorooctadecane 109 % 28-171

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Fax To: (505) 394-2601

Received:	08/31/2016	Sampling Date:	08/30/2016
Reported:	09/07/2016	Sampling Type:	Soil
Project Name:	AGU #135	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL- J SEC.35,T21S,R36E		

Sample ID: SP2 (1') (H601963-05)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2016	ND	2.13	107	2.00	0.929	
Toluene*	<0.050	0.050	09/06/2016	ND	2.18	109	2.00	1.23	
Ethylbenzene*	<0.050	0.050	09/06/2016	ND	2.11	105	2.00	0.932	
Total Xylenes*	<0.150	0.150	09/06/2016	ND	6.41	107	6.00	0.744	
Total BTEx	<0.300	0.300	09/06/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 73.6-140

Chloride, SM4500CI-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	09/02/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/01/2016	ND	176	87.8	200	3.80	
DRO >C10-C28	<10.0	10.0	09/01/2016	ND	185	92.4	200	5.03	

Surrogate: 1-Chlorooctane 84.1 % 35-147

Surrogate: 1-Chlorooctadecane 99.2 % 28-171

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:	08/31/2016	Sampling Date:	08/30/2016
Reported:	09/07/2016	Sampling Type:	Soil
Project Name:	AGU #135	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL- J SEC.35,T21S,R36E		

Sample ID: SP3 (8') (H601963-06)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2016	ND	2.13	107	2.00	0.929	
Toluene*	<0.050	0.050	09/06/2016	ND	2.18	109	2.00	1.23	
Ethylbenzene*	<0.050	0.050	09/06/2016	ND	2.11	105	2.00	0.932	
Total Xylenes*	<0.150	0.150	09/06/2016	ND	6.41	107	6.00	0.744	
Total BTEx	<0.300	0.300	09/06/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	544	16.0	09/02/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/01/2016	ND	176	87.8	200	3.80	
DRO >C10-C28	<10.0	10.0	09/01/2016	ND	185	92.4	200	5.03	

Surrogate: 1-Chlorooctane 92.3 % 35-147

Surrogate: 1-Chlorooctadecane 97.7 % 28-171

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:	08/31/2016	Sampling Date:	08/30/2016
Reported:	09/07/2016	Sampling Type:	Soil
Project Name:	AGU #135	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL- J SEC.35,T21S,R36E		

Sample ID: SP3 (10') (H601963-07)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2016	ND	2.13	107	2.00	0.929	
Toluene*	<0.050	0.050	09/06/2016	ND	2.18	109	2.00	1.23	
Ethylbenzene*	<0.050	0.050	09/06/2016	ND	2.11	105	2.00	0.932	
Total Xylenes*	<0.150	0.150	09/06/2016	ND	6.41	107	6.00	0.744	
Total BTX	<0.300	0.300	09/06/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	09/02/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/02/2016	ND	176	87.8	200	3.80	
DRO >C10-C28	<10.0	10.0	09/02/2016	ND	185	92.4	200	5.03	

Surrogate: 1-Chlorooctane 93.7 % 35-147

Surrogate: 1-Chlorooctadecane 96.3 % 28-171

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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:	08/31/2016	Sampling Date:	08/30/2016
Reported:	09/07/2016	Sampling Type:	Soil
Project Name:	AGU #135	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL- J SEC.35,T21S,R36E		

Sample ID: SP4 (SURFACE) (H601963-08)

BTX 8021B			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/06/2016	ND	2.13	107	2.00	0.929		
Toluene*	<0.050	0.050	09/06/2016	ND	2.18	109	2.00	1.23		
Ethylbenzene*	<0.050	0.050	09/06/2016	ND	2.11	105	2.00	0.932		
Total Xylenes*	<0.150	0.150	09/06/2016	ND	6.41	107	6.00	0.744		
Total BTX	<0.300	0.300	09/06/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 73.6-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: AC							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/02/2016	ND	416	104	400	0.00		

TPH 8015M			mg/kg							
			Analyzed By: MS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/02/2016	ND	176	87.8	200	3.80		
DRO >C10-C28	<10.0	10.0	09/02/2016	ND	185	92.4	200	5.03		

Surrogate: 1-Chlorooctane 101 % 35-147

Surrogate: 1-Chlorooctadecane 98.5 % 28-171

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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:	08/31/2016	Sampling Date:	08/30/2016
Reported:	09/07/2016	Sampling Type:	Soil
Project Name:	AGU #135	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL- J SEC.35,T21S,R36E		

Sample ID: SP5 (SURFACE) (H601963-09)

BTX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2016	ND	2.13	107	2.00	0.929	
Toluene*	<0.050	0.050	09/06/2016	ND	2.18	109	2.00	1.23	
Ethylbenzene*	<0.050	0.050	09/06/2016	ND	2.11	105	2.00	0.932	
Total Xylenes*	<0.150	0.150	09/06/2016	ND	6.41	107	6.00	0.744	
Total BTX	<0.300	0.300	09/06/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/02/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/02/2016	ND	203	102	200	3.23	
DRO >C10-C28	<10.0	10.0	09/02/2016	ND	223	111	200	3.64	

Surrogate: 1-Chlorooctane 69.8 % 35-147

Surrogate: 1-Chlorooctadecane 80.9 % 28-171

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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:	08/31/2016	Sampling Date:	08/30/2016
Reported:	09/07/2016	Sampling Type:	Soil
Project Name:	AGU #135	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Angela Cabrera
Project Location:	UL- J SEC.35,T21S,R36E		

Sample ID: SP6 (SURFACE) (H601963-10)

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/06/2016	ND	2.13	107	2.00	0.929	
Toluene*	<0.050	0.050	09/06/2016	ND	2.18	109	2.00	1.23	
Ethylbenzene*	<0.050	0.050	09/06/2016	ND	2.11	105	2.00	0.932	
Total Xylenes*	<0.150	0.150	09/06/2016	ND	6.41	107	6.00	0.744	
Total BTEx	<0.300	0.300	09/06/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 73.6-140

Chloride, SM4500CI-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	09/02/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/02/2016	ND	203	102	200	3.23	
DRO >C10-C28	<10.0	10.0	09/02/2016	ND	223	111	200	3.64	

Surrogate: 1-Chlorooctane 93.1 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
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

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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

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 AGU #135

Location UL-J Sec. 35, T21S, R36E

Project Reference

EPI Sampler Name David Robinson

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



LAB I.D.

SAMPLE I.D.

H001903

1	SP1 (Surface)	G	1	X				X		30-Aug-16	11:25	X	X	X						
2	SP1 (2')	G	1		X				X	30-Aug-16	11:45	X	X	X						
3	SP1 (4')	G	1		X				X	30-Aug-16	12:20	X	X	X						
4	SP2 (Surface)	G	1		X				X	30-Aug-16	12:50	X	X	X						
5	SP2 (1')	G	1		X				X	30-Aug-16	12:51	X	X	X						
6	SP3 (8')	G	1		X				X	30-Aug-16	14:05	X	X	X						
7	SP3 (10')	G	1		X				X	30-Aug-16	14:30	X	X	X						
8	SP4 (Surface)	G	1		X				X	30-Aug-16	14:55	X	X	X						
9	SP5 (Surface)	G	1		X				X	30-Aug-16	15:00	X	X	X						
10	SP6 (Surface)	G	1		X				X	30-Aug-16	15:05	X	X	X						

Sampler Relinquished:

Date 8/31/16

Received By

1

Relinquished by:

Date 6:00 am

Received By: (lab staff)

Delivered by:

Sample Cool & Intact

Checked By:

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

NOTES:

ATTACHMENT III
Copy of Initial NMOCD Form 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED

By JKeyes at 8:58 am, Aug 24, 2016

Form C-141

Revised August 8, 2011

accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

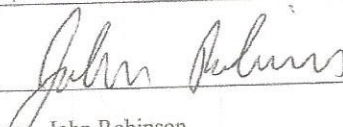

Name of Company	XTO Energy, Inc.	Contact	John Robinson
Address	500 W Illinois, Midland, TX 79701	Telephone No.	575-441-5199
Facility Name	Arrowhead Grayburg Unit #135	Facility Type	Well
Surface Owner	State	Mineral Owner	API No. 30-025-04917

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
J	35	21-S	36-E	1980	South	1980	East	Lea

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release	Produced water and oil.	Volume of Release	117.42 barrels produced water	Volume Recovered	60 barrels produced water
Source of Release	Flow Line	Date and Hour of Occurrence	8-23-16 1:00 pm	Date and Hour of Discovery	8-23-16 2:00 pm
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Left a message on Jamie Keyes phone at 5:55 am on the 6-24-16		
By Whom?	John Robinson	Date and Hour	6-24-16 5:55 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.* Fiberglass flow line leak. Had vacuum truck clean up all standing water.					
Describe Area Affected and Cleanup Action Taken.* 41X35 foot area in pasture. The rest of the leak ran down existing caliche road. Will test soil and clean up according to OCD standards.					
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: 08/24/2016		Expiration Date: 10/24/2016	
E-mail Address: john.robinson@xtoenergy.com		Conditions of Approval:		Attached <input type="checkbox"/>	
Date: 6-24-16 Phone: 575-441-5199		Discrete samples only. Delineate and remediate per NMOCD guidelines.		1RP 4414 nJXK1623732065 pJXK1623732217	

* Attach Additional Sheets If Necessary