

ENVIRONMENTAL PLUS, INC.

2100 AVE 'O'
P.O. BOX 1558
EUNICE, NM 88231
ddominguezepi@gmail.com
Office: (575)394-3481 Fax: (575)394-2601



CLOSURE REPORT

BOPCO, L.P.
PLU CVX JV PC #019H
Eddy County, New Mexico
Unit Letter "B", Section 21, Township 24 South, Range 30 East
Latitude 32.210641 North, Longitude 103.885696 West
NMOCD Reference #2RP-3270

Prepared For:

BOPCO, L.P.
522 W. Mermod, Suite 704
Carlsbad, New Mexico 88220

Prepared By:

Environmental Plus, Inc.
2100 Ave 'O'
Eunice, NM 88231

January 2016

Daniel Dominguez
Project Manager



11 January 2016

Ms. Heather Patterson
Environmental Specialist
NMOCD
811 S. First St.
Artesia, New Mexico 88210

RE: Final Closure Report
Bopco – PLU CVX JV PC #019H
UL-B, Section 21, Township 24 South, Range 30 East
Eddy County, New Mexico
NMOCD Reference # 2RP 3270

Ms. Patterson:

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

Background Information:

A leak was discovered on a four inch suction hose during high pressure pumping activities; leak was estimated to be 12 barrels NEFE HCL. Soda ash was placed over the release area to neutralize the acid. A second release occurred when a frac tank containing gel water ran over, releasing 40 barrels of gel water to the ground surface. A vacuum truck was called and recovered 35 barrels of the gel water.

Remediation Activities:

EPI personnel mobilized on the site on September 25, 2015 to collect soil samples to determine the vertical extent of contamination. A total of twenty (20) soil samples were collected from six (6) sample locations; SP1 – SP6. Twelve (12) representative samples were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate, with the exception of SP1, SP4 and SP5 at surface level, the release area is void of Benzene, BTEX, TPH and Chloride concentrations in excess of NMOCD Recommended Remedial Action Levels (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 release area was excavated to a depth of approximately six (6) inches bgs. Approximately 36 tons of contaminated soil were excavated and hauled to a state approved facility for disposal.

Closure Activities:

Based on laboratory analytical results and with NMOCD approval the excavation was backfilled with approximately 36 tons of clean soil. All soil was free of rocks, clumps or deleterious material. The entire disturbed area was then contoured to blend with existing well 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. Brad Blevins at (432) 214-3704 or via e-mail at bblevins@basspet.com. All official communication should be addressed to:

Mr. Brad Blevins
Bopco, L.P.
522 W. Mermond, Suite 704
Carlsbad, NM 88220

Sincerely,

ENVIRONMENTAL PLUS, INC.

Daniel Dominguez
Environmental Consultant

cc: Brad Blevins, EHS Asst. Remediation Foreman – Bopco, L.P.
Tony Savoie, Remediation Foreman – Bopco, L.P. 1(432)556-8730
File

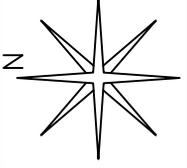
Encl.: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Site/Sample Map
Table 2 – Summary of Soil Sample Field Testing and Laboratory Analytical Results
Attachment I – Photographs
Attachment II – Laboratory Analytical Results
Attachment III – Copy of Initial NMOCD Form C-141, Final C-141

FIGURES



Lea Co.
Eddy Co.

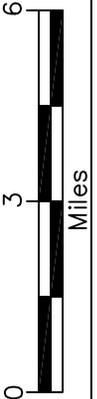
PLU CVX JV PC #019H



REVISED:

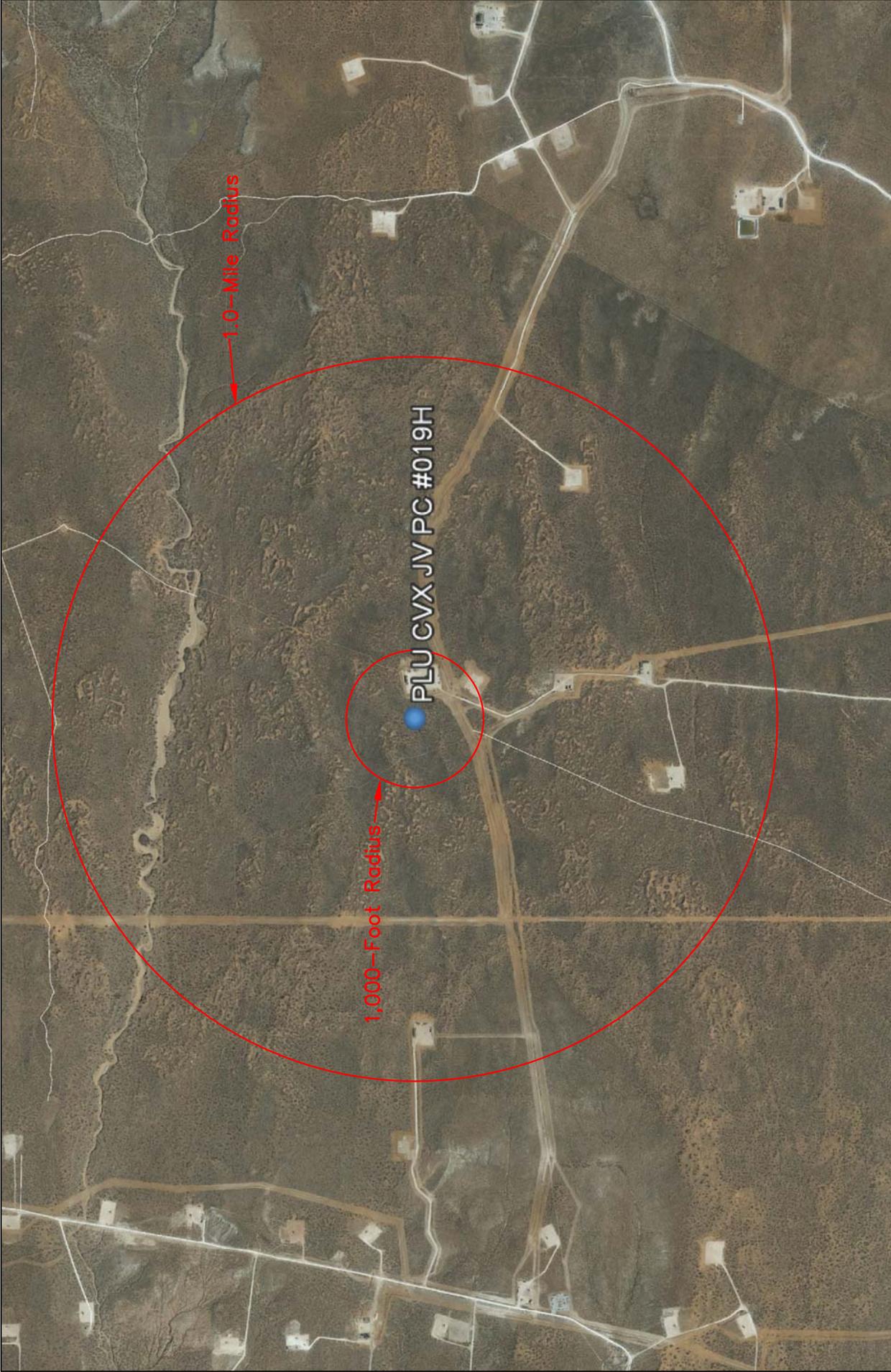
DWG By: D Dominguez
January 2016

SHEET
1 of 1

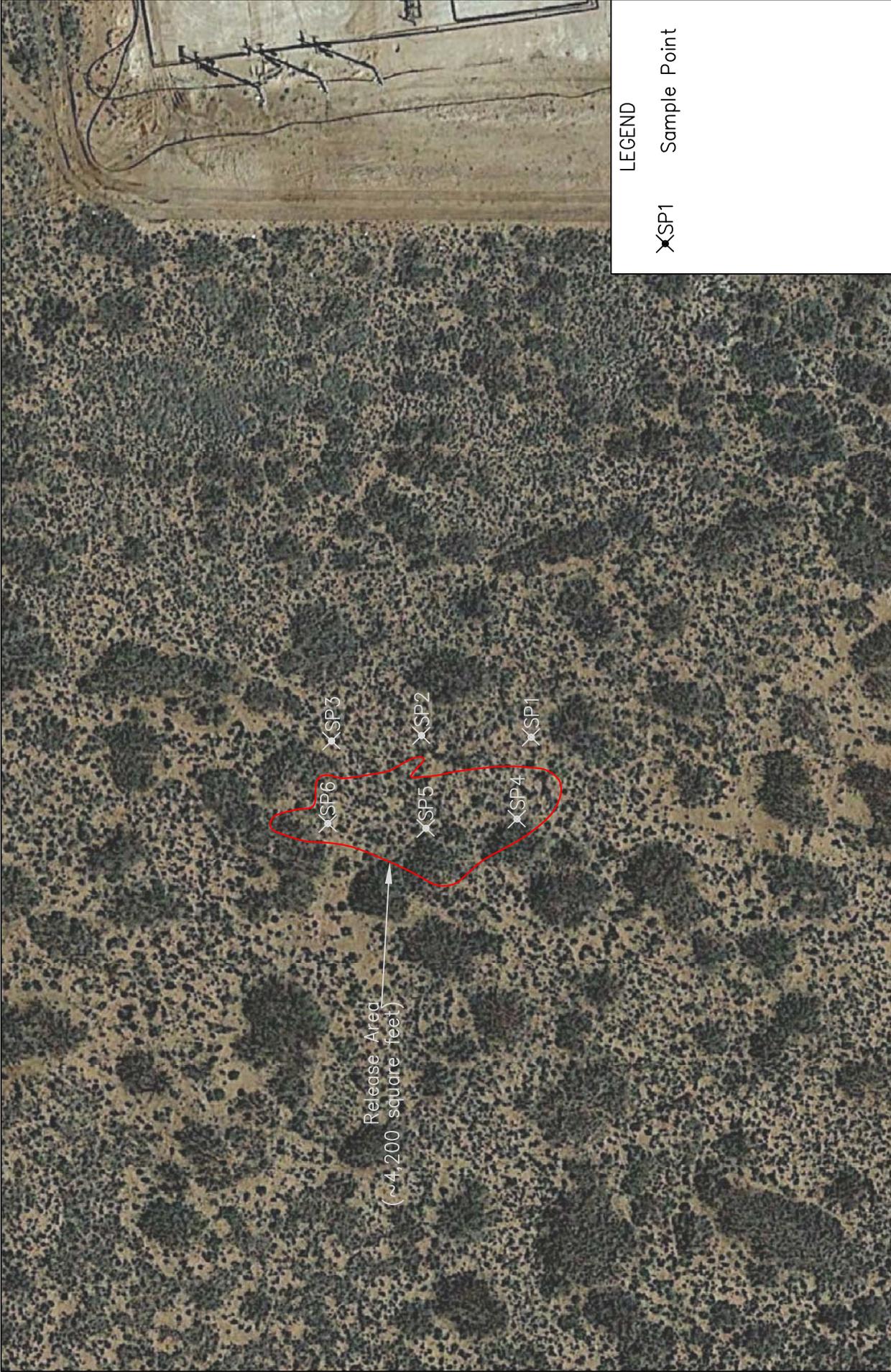


Eddy County, New Mexico
NW 1/4 of NE 1/4, Sec. 21, T24S, R30E
N 32° 12' 38.29" W 103° 53' 8.53"
Elevation: 3,358 feet amsl

Figure 1
Area Map
Bopco, L.P.
PLU CVX JV PC #019H



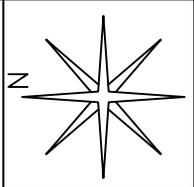
<p>Figure 2 Site Location Map Bopco, L.P. PLU CVX JV PC #019H</p>	<p>Eddy County, New Mexico NW 1/4 of NE 1/4, Sec. 21, T24S, R30E N 32° 12' 38.29" W 103° 53' 8.53" Elevation: 3,358 feet amsl</p>	<p>DWG By: D Dominguez January 2016</p>	<p>REVISED: 4,000 SHEET 1 of 1</p>
		<p>0 2,000 4,000 Feet</p>	



Release Area
 (~4,200 square feet)

LEGEND

X SP1 Sample Point



REVISED:

120 SHEET
 1 of 1

DWG By: D Dominguez
 January 2016

0 60 120
 Feet

Eddy County, New Mexico
 NW 1/4 of NE 1/4, Sec. 21, T24S, R30E
 N 32° 12' 38.29" W 103° 53' 8.53"
 Elevation: 3,358 feet amsl

Figure 3
 Site/Sample Map
 Bopco, L.P.
 PLU CVX JV PC #019H

TABLES

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Bopco, L.P.
PLU-CVX-JV-PC #019H

Lab 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)	EXT DRO C28-C35 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
SP1	Surface	Excavated	25-Sep-15	0.5	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	4,960	4,640	9,600	432
	1	In Situ	25-Sep-15	0.1	80	--	--	--	--	--	--	--	--	--	--
	2	In Situ	25-Sep-15	0.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	3	In Situ	25-Sep-15	0.0	80	--	--	--	--	--	--	--	--	--	--
SP2	Surface	Excavated	25-Sep-15	0.1	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	48
	1	In Situ	25-Sep-15	0.0	80	--	--	--	--	--	--	--	--	--	--
	2	In Situ	25-Sep-15	0.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
SP3	Surface	Excavated	25-Sep-15	0.4	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	160
	1	In Situ	25-Sep-15	0.0	80	--	--	--	--	--	--	--	--	--	--
	2	In Situ	25-Sep-15	0.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
SP4	Surface	Excavated	25-Sep-15	136	>4,000	<0.050	0.134	0.677	3.12	3.94	263	14,300	115	14,678	11,500
	1	In Situ	25-Sep-15	3.6	120	--	--	--	--	--	--	--	--	--	--
	2	In Situ	25-Sep-15	2.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
SP5	Surface	Excavated	25-Sep-15	5.9	1,280	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	31.0	31.0	2,120
	1	In Situ	25-Sep-15	5.7	>4,00	--	--	--	--	--	--	--	--	--	--
	2	In Situ	25-Sep-15	3.2	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	32
SP6	Surface	Excavated	25-Sep-15	5.5	400	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	496
	1	In Situ	25-Sep-15	6.0	480	--	--	--	--	--	--	--	--	--	--
	2	In Situ	25-Sep-15	1.4	400	--	--	--	--	--	--	--	--	--	--
NMOCD Recommended Remedial Action Levels	3	In Situ	25-Sep-15	0.4	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	NMOCD Recommended Remedial Action Levels				100		10			50				5,000	1,000

-- = Not Analyzed
Red values are in excess of NMOCD Recommended Remedial Action Levels
 Shaded values indicates soil has been excavated

ATTACHMENTS

ATTACHMENT I
Photographs



Photograph #1 – Looking across release area



Photograph #2 – Looking across release area



Photograph #3 – Excavated



Photograph #4 – Excavated



Photograph #5 – Backfilled



Photograph #6 – Backfilled

ATTACHMENT II
Laboratory Analytical Results



October 01, 2015

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

RE: PLU PC #019 H

Enclosed are the results of analyses for samples received by the laboratory on 09/25/15 16:34.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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". The signature is written in a cursive style.

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:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 (SURFACE) (H502560-01)

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	09/29/2015	ND	2.09	105	2.00	1.94		
Toluene*	<0.050	0.050	09/29/2015	ND	1.79	89.4	2.00	1.29		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.73	86.7	2.00	0.686		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.40	90.0	6.00	0.480		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	09/30/2015	ND	416	104	400	3.92		

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	09/29/2015	ND	167	83.4	200	1.12		
DRO >C10-C28	4960	10.0	09/29/2015	ND	184	92.0	200	0.108		
EXT DRO >C28-C35	4640	10.0	09/29/2015	ND						

Surrogate: 1-Chlorooctane 70.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.6 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 (2') (H502560-02)

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	09/29/2015	ND	2.09	105	2.00	1.94	
Toluene*	<0.050	0.050	09/29/2015	ND	1.79	89.4	2.00	1.29	
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.73	86.7	2.00	0.686	
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.40	90.0	6.00	0.480	
Total BTEX	<0.300	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/30/2015	ND	416	104	400	3.92	

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	09/28/2015	ND	167	83.4	200	12.7	
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	178	88.9	200	20.0	
EXT DRO >C28-C35	<10.0	10.0	09/28/2015	ND					

Surrogate: 1-Chlorooctane 115 % 47.2-157

Surrogate: 1-Chlorooctadecane 133 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 (SURFACE) (H502560-03)

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	09/29/2015	ND	2.09	105	2.00	1.94	
Toluene*	<0.050	0.050	09/29/2015	ND	1.79	89.4	2.00	1.29	
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.73	86.7	2.00	0.686	
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.40	90.0	6.00	0.480	
Total BTEX	<0.300	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	09/30/2015	ND	416	104	400	3.92	

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	09/28/2015	ND	167	83.4	200	12.7	
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	178	88.9	200	20.0	
EXT DRO >C28-C35	<10.0	10.0	09/28/2015	ND					

Surrogate: 1-Chlorooctane 94.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

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*=Accredited Analyte

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

Received:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 (2') (H502560-04)

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	09/29/2015	ND	2.09	105	2.00	1.94		
Toluene*	<0.050	0.050	09/29/2015	ND	1.79	89.4	2.00	1.29		
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.73	86.7	2.00	0.686		
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.40	90.0	6.00	0.480		
Total BTEX	<0.300	0.300	09/29/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2015	ND	416	104	400	3.92		

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	09/28/2015	ND	167	83.4	200	12.7		
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	178	88.9	200	20.0		
EXT DRO >C28-C35	<10.0	10.0	09/28/2015	ND						

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 113 % 52.1-176

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*=Accredited Analyte

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 Fax To: (505) 394-2601

Received:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 (SURFACE) (H502560-05)

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	09/29/2015	ND	2.09	105	2.00	1.94	
Toluene*	<0.050	0.050	09/29/2015	ND	1.79	89.4	2.00	1.29	
Ethylbenzene*	<0.050	0.050	09/29/2015	ND	1.73	86.7	2.00	0.686	
Total Xylenes*	<0.150	0.150	09/29/2015	ND	5.40	90.0	6.00	0.480	
Total BTEX	<0.300	0.300	09/29/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	09/30/2015	ND	416	104	400	3.92	

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	09/28/2015	ND	167	83.4	200	12.7	
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	178	88.9	200	20.0	
EXT DRO >C28-C35	<10.0	10.0	09/28/2015	ND					

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 52.1-176

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:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 (2') (H502560-06)

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	09/30/2015	ND	2.09	105	2.00	1.94	
Toluene*	<0.050	0.050	09/30/2015	ND	1.79	89.4	2.00	1.29	
Ethylbenzene*	<0.050	0.050	09/30/2015	ND	1.73	86.7	2.00	0.686	
Total Xylenes*	<0.150	0.150	09/30/2015	ND	5.40	90.0	6.00	0.480	
Total BTEX	<0.300	0.300	09/30/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/30/2015	ND	416	104	400	3.92	

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	09/28/2015	ND	167	83.4	200	12.7	
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	178	88.9	200	20.0	
EXT DRO >C28-C35	<10.0	10.0	09/28/2015	ND					

Surrogate: 1-Chlorooctane 114 % 47.2-157

Surrogate: 1-Chlorooctadecane 130 % 52.1-176

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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:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 (SURFACE) (H502560-07)

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	09/30/2015	ND	2.09	105	2.00	1.94	
Toluene*	0.134	0.100	09/30/2015	ND	1.79	89.4	2.00	1.29	
Ethylbenzene*	0.677	0.100	09/30/2015	ND	1.73	86.7	2.00	0.686	
Total Xylenes*	3.12	0.300	09/30/2015	ND	5.40	90.0	6.00	0.480	
Total BTEX	3.94	0.600	09/30/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 163 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11500	16.0	09/30/2015	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	263	10.0	09/28/2015	ND	167	83.4	200	12.7	
DRO >C10-C28	14300	10.0	09/28/2015	ND	178	88.9	200	20.0	
EXT DRO >C28-C35	115	10.0	09/28/2015	ND					

Surrogate: 1-Chlorooctane 210 % 47.2-157

Surrogate: 1-Chlorooctadecane 129 % 52.1-176

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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:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 (2') (H502560-08)

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	09/30/2015	ND	2.09	105	2.00	1.94		
Toluene*	<0.050	0.050	09/30/2015	ND	1.79	89.4	2.00	1.29		
Ethylbenzene*	<0.050	0.050	09/30/2015	ND	1.73	86.7	2.00	0.686		
Total Xylenes*	<0.150	0.150	09/30/2015	ND	5.40	90.0	6.00	0.480		
Total BTEX	<0.300	0.300	09/30/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/30/2015	ND	416	104	400	3.92		

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	09/28/2015	ND	167	83.4	200	12.7		
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	178	88.9	200	20.0		
EXT DRO >C28-C35	<10.0	10.0	09/28/2015	ND						

Surrogate: 1-Chlorooctane 111 % 47.2-157

Surrogate: 1-Chlorooctadecane 116 % 52.1-176

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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:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 5 (SURFACE) (H502560-09)

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	09/30/2015	ND	2.09	105	2.00	1.94	
Toluene*	<0.050	0.050	09/30/2015	ND	1.79	89.4	2.00	1.29	
Ethylbenzene*	<0.050	0.050	09/30/2015	ND	1.73	86.7	2.00	0.686	
Total Xylenes*	<0.150	0.150	09/30/2015	ND	5.40	90.0	6.00	0.480	
Total BTEX	<0.300	0.300	09/30/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2120	16.0	09/30/2015	ND	416	104	400	3.92	

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	09/28/2015	ND	167	83.4	200	12.7	
DRO >C10-C28	31.0	10.0	09/28/2015	ND	178	88.9	200	20.0	
EXT DRO >C28-C35	<10.0	10.0	09/28/2015	ND					

Surrogate: 1-Chlorooctane 122 % 47.2-157

Surrogate: 1-Chlorooctadecane 139 % 52.1-176

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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:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 5 (2') (H502560-10)

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	09/30/2015	ND	2.09	105	2.00	1.94	
Toluene*	<0.050	0.050	09/30/2015	ND	1.79	89.4	2.00	1.29	
Ethylbenzene*	<0.050	0.050	09/30/2015	ND	1.73	86.7	2.00	0.686	
Total Xylenes*	<0.150	0.150	09/30/2015	ND	5.40	90.0	6.00	0.480	
Total BTEX	<0.300	0.300	09/30/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	09/30/2015	ND	416	104	400	3.92	

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	09/28/2015	ND	167	83.4	200	12.7	
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	178	88.9	200	20.0	
EXT DRO >C28-C35	<10.0	10.0	09/28/2015	ND					

Surrogate: 1-Chlorooctane 122 % 47.2-157

Surrogate: 1-Chlorooctadecane 142 % 52.1-176

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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:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 6 (SURFACE) (H502560-11)

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	09/30/2015	ND	2.09	105	2.00	1.94	
Toluene*	<0.050	0.050	09/30/2015	ND	1.79	89.4	2.00	1.29	
Ethylbenzene*	<0.050	0.050	09/30/2015	ND	1.73	86.7	2.00	0.686	
Total Xylenes*	<0.150	0.150	09/30/2015	ND	5.40	90.0	6.00	0.480	
Total BTEX	<0.300	0.300	09/30/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	09/30/2015	ND	416	104	400	3.92	

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	09/28/2015	ND	167	83.4	200	12.7	
DRO >C10-C28	<10.0	10.0	09/28/2015	ND	178	88.9	200	20.0	
EXT DRO >C28-C35	<10.0	10.0	09/28/2015	ND					

Surrogate: 1-Chlorooctane 128 % 47.2-157

Surrogate: 1-Chlorooctadecane 144 % 52.1-176

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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:	09/25/2015	Sampling Date:	09/25/2015
Reported:	10/01/2015	Sampling Type:	Soil
Project Name:	PLU PC #019 H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 6 (3') (H502560-12)

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	09/30/2015	ND	2.09	105	2.00	1.94	
Toluene*	<0.050	0.050	09/30/2015	ND	1.79	89.4	2.00	1.29	
Ethylbenzene*	<0.050	0.050	09/30/2015	ND	1.73	86.7	2.00	0.686	
Total Xylenes*	<0.150	0.150	09/30/2015	ND	5.40	90.0	6.00	0.480	
Total BTEX	<0.300	0.300	09/30/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 85.6-137

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/30/2015	ND	416	104	400	3.92	

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	09/29/2015	ND	169	84.4	200	1.04	
DRO >C10-C28	<10.0	10.0	09/29/2015	ND	177	88.6	200	0.853	
EXT DRO >C28-C35	<10.0	10.0	09/29/2015	ND					

Surrogate: 1-Chlorooctane 80.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 80.6 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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 SM450Cl-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

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

SEP 16 2015

Form C-141
Revised August 8, 2011

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 to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

NAB1526433985

OPERATOR

Initial Report Final Report

Name of Company: BOPCO, L.P. <i>260737</i>	Contact: Bradley Blevins
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 575-887-7329
Facility Name: PLU CVX JV PC 19	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner:	API No. 3001542669
------------------------	----------------	--------------------

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
B	21	24S	30E	25		2410		Eddy

Latitude: 32.210641 Longitude: 103.885696

NATURE OF RELEASE

Type of Release: Gel Water/ NEFE HCL	Volume of Release: 40 barrels gel water and 12 barrels HCL	Volume Recovered: 35 barrels gel water recovered. Soda Ash/ Acid
Source of Release: A 4 inch suction hose failed/ Gel tank ran over	Date and Hour of Occurrence: 9-11-15 @2:30am	Date and Hour of Discovery: 9-11-15 @3am
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Made notification to Mike Bratcher, upon internal notification	
By Whom? Bradley Blevins	Date and Hour: 9-15-15 @ 12:45pm	
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.*
A Leak was discovered on a four inch suction hose during high pressure pumping activities, leak was estimated to be 12 barrels NEFE HCL, Soda ash was placed over the release area to neutralize the acid. A second release occurred when a frac tank containing gel water ran over, releasing 40 barrels of gel water to the ground surface. A vacuum truck was called and recovered 35 barrels.

Describe Area Affected and Cleanup Action Taken.*
A vacuum truck was called and recovered 35 barrels of the gel water.

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>Bradley Blevins</i>	OIL CONSERVATION DIVISION	
Printed Name: Bradley Blevins	Signed By <i>Mike Bratcher</i> Approved by Environmental Specialist.	
Title: Assistant Remediation Foreman	Approval Date: <i>9/21/15</i>	Expiration Date: <i>N/A</i>
E-mail Address: bblevins@basspet.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>9-16-15</i> Phone: 432-214-3704	Remediation per O.C.D. Rules & Guidelines	

* Attach Additional Sheets If Necessary

SUBMIT REMEDIATION PROPOSAL NO LATER THAN: 10/22/15 2RP-3270

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: BOPCO, L.P.	Contact: Bradley Blevins
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 575-887-7329
Facility Name: PLU CVX JV PC #019H; 2RP#3270	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner:	API No. 30-015-42669
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LOCATION OF RELEASE

Unit Letter B	Section 21	Township 24S	Range 30E	Feet from the 25	North/South Line North	Feet from the 2410	East/West Line East	County Eddy
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Latitude: N 32.210641° Longitude: W 103.885696°

NATURE OF RELEASE

Type of Release: Gel water/NEFE HCL	Volume of Release: 40 bbls gel water, 12 bbls HCL	Volume Recovered: 35 bbls gel water. Soda ash/ Acid
Source of Release: A 4 inch suction hose failed/ Gel tank ran over	Date and Hour of Occurrence: 9/11/15 @ 2:30 am	Date and Hour of Discovery: 9/11/15 @ 3 am
Was Immediate Notice Given? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Made notification to Mike Bratcher, upon internal notification	
By Whom? Bradley Blevins	Date and Hour: 9/15/15 @ 12:45 pm	
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.*

A Leak was discovered on a four inch suction hose during high pressure pumping activities, leak was estimated to be 12 barrels NEFE HCL, Soda ash was placed over the release area to neutralize the acid. A second release occurred when a frac tank containing gel water ran over, releasing 40 barrels of gel water to the ground surface. A vacuum truck was called and recovered 35 barrels.

Describe Area Affected and Cleanup Action Taken.*

A vacuum truck was called and recovered 35 barrels of the gel water. Samples were collected, and based on laboratory analytical data and NMOCD approval: the contaminated soil was excavated and hauled to a state approved disposal facility and the excavation 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: 	<u>OIL CONSERVATION DIVISION</u>	
Printed Name: Bradley Blevins	Approved by Environmental Specialist:	
Title: Assistant Remediation Foreman	Approval Date:	Expiration Date:
E-mail Address: bblevins@basspet.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1-8-2016 Phone: 432-214-3704		

* Attach Additional Sheets If Necessary