



25 November 2014

Mr. Mike Bratcher
Environmental Specialist
NMOCD
811 S. First St.
Artesia, New Mexico 88210

RE: Final Closure Report
Bopco – Poker Lake Unit #387H
UL-D, Section 18, Township 25 South, Range 31 East
Eddy County, New Mexico
NMOCD Reference # 2RP 2164

Mr. Bratcher:

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

Background Information:

The process valves were misaligned and the flare scrubber dump failed to operate properly. The system over pressured and fluid went out the flare line vent. Approximately 247,860 sq. ft. of pasture area was lightly misted by the release, fluid visible on the vegetation but not on ground surface. Approximately 23,726 sq. ft. of pasture was more heavily impacted by the release, the vegetation was covered and there was 1 - 6 inches of saturation in the soil. The berm around the flare system contained some of the fluid; approximately 25 bbls total fluid was recovered from the bermed area. The heavily impacted vegetation was washed down with soap, water and Micro-Blaze mixture.

Remediation Activities:

EPI personnel mobilized on the site on October 15 and 16, 2014 to collect soil samples via hand auger to determine the vertical extent of contamination. A total of twenty-seven (27) soil samples were collected from nine (9) sample locations. Two (2) soil samples were collected on October 24, 2014 from a soil stock pile on location; all samples were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate the excavation in general 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. The soil stock pile is also void of contaminant concentrations in excess of NMOCD RRALs. Samples SP4, SP7, SP8, and SP9 indicate TPH concentrations in excess of NMOCD RRALs at surface level only (reference *Figure 3* and *Table 2*).

From October 20-24, 2014 the release area was thoroughly sprayed with a six (6) percent solution of Micro-Blaze and excavated to a depth of two (2) feet bgs. The excavated soil was then mixed with onsite soil stock pile to blend down the areas with elevated TPH concentrations.



Closure Activities:

The excavation was backfilled with the remediated soil and again thoroughly sprayed with a six (6) percent solution of Micro-Blaze. Approximately 20 yards of chat was brought in to rebuild the berm around the flare. The entire disturbed area was then disced, deep drill seeded with a mixture approved by the property owner, and watered.

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,

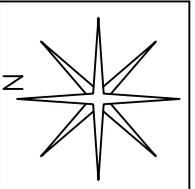
ENVIRONMENTAL PLUS, INC.

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

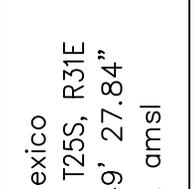
Encl.: Figure 1 – Area Map
Figure 2 – Site Location Map
Figure 3 – Site/Sample Map
Table 1 – Well Data
Table 2 – Summary of Soil Sample Field Testing and Laboratory Analytical Results
Attachment I – Photographs
Attachment II – Laboratory Analytical Results
Attachment III – Copy of Initial NMOCD Form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

FIGURES



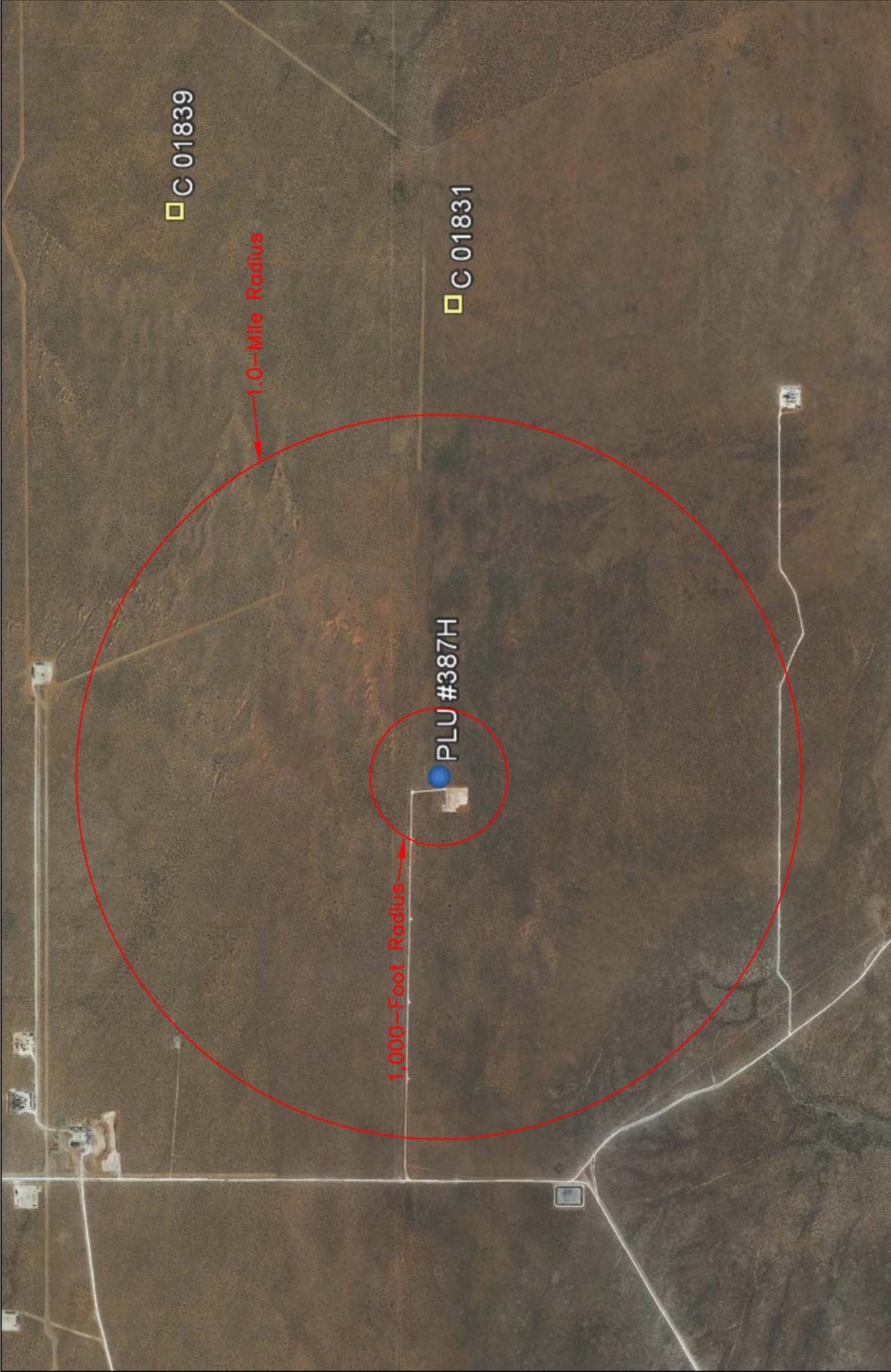
REVISED:
SHEET
1 of 1

DWG By: D Dominguez
November 2014

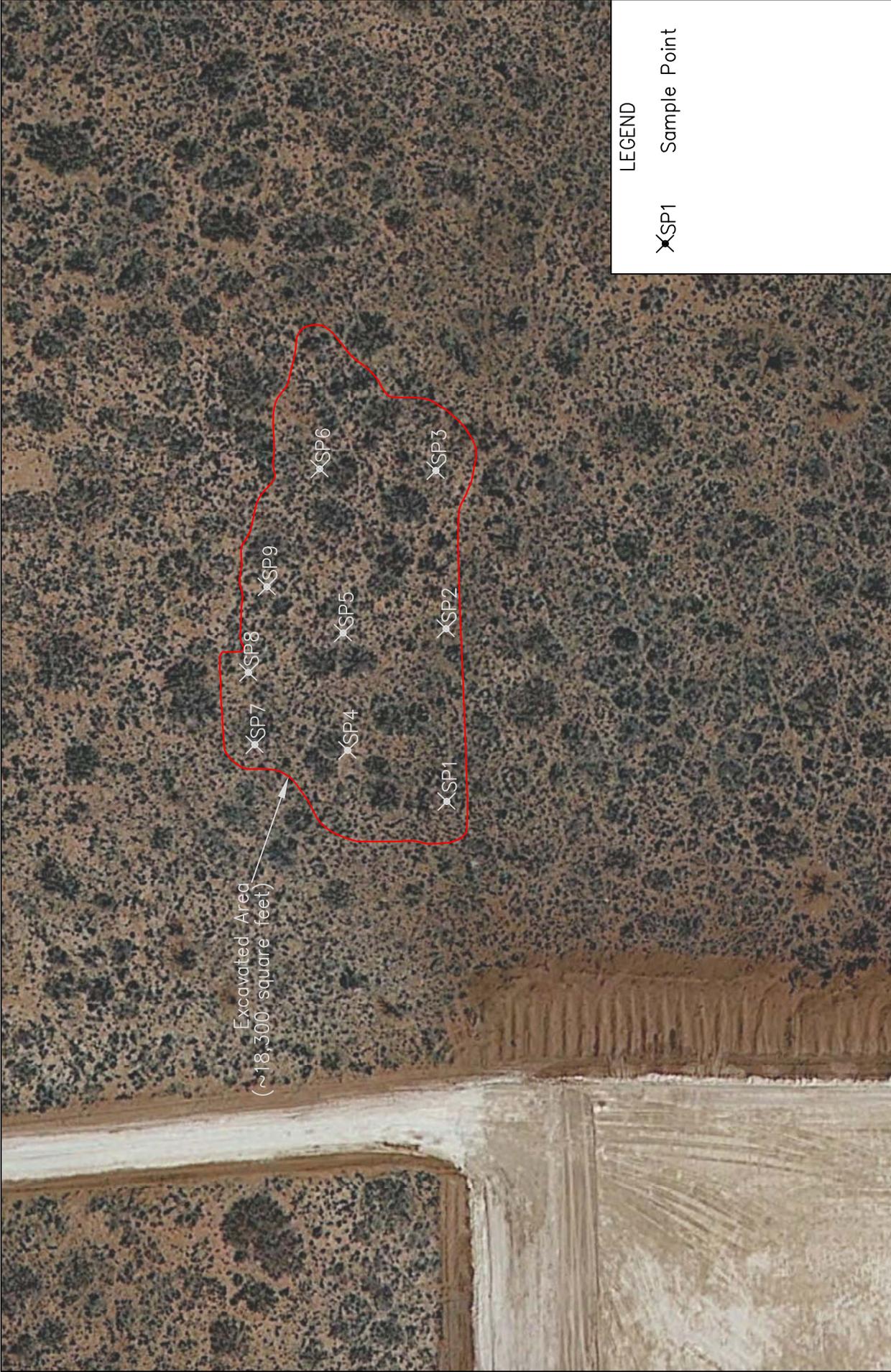


Eddy County, New Mexico
NW 1/4 of NW 1/4, Sec. 18, T25S, R31E
N 32° 8' 10.04" W 103° 49' 27.84"
Elevation: 3,357 feet amsl

Figure 1
Area Map
Bopco, L.P.
Poker Lake Unit #387H



<p>DWG By: D Dominguez November 2014</p>	<p>REVISED:</p> <p>4,000 SHEET 1 of 1</p>	
<p>0 2,000 4,000 Feet</p>	<p>Eddy County, New Mexico NW 1/4 of NW 1/4, Sec. 18, T25S, R31E N 32° 8' 10.04" W 103° 49' 27.84" Elevation: 3,357 feet amsl</p>	<p>Figure 2 Site Location Map Bopco, L.P. Poker Lake Unit #387H</p>



LEGEND

XSP1 Sample Point

REVISIONS:

120	SHEET
0 60	1 of 1

Feet

<p>DWG By: D Dominguez November 2014</p>	<p>Eddy County, New Mexico NW 1/4 of NW 1/4, Sec. 18, T25S, R31E N 32° 8' 10.04" W 103° 49' 27.84" Elevation: 3,357 feet amsl</p>	<p>Figure 3 Site/Sample Map Bopco, L.P. Poker Lake Unit #387H</p>
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TABLES

TABLE 1

Well Data

Bopco - Poker Lake Unit #387H

Well Number	Use	Diversion ^A	Owner	q64	q16	q4	Sec	Twp	Rng	Easting	Northing	Date Measured	Surface Elevation ^B	Depth to Water	
														(ft)	(bgs)
C 01839	PRO	0	OXY Petroleum Inc		3	2	8	25S	31E	613364	3557344		3,406		
C 01831	PRO	0	OXY Petroleum Inc		2	1	17	25S	31E	612972	3556126		3,381		

* = Data obtained from the New Mexico Office of the State Engineer Website (http://iwaters.ose.state.nm.us:7001/iWATERS/wr_RegisServlet1) and USGS Database

^A = In acre feet per annum

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

PRO = 72-12-1 Prospecting or development of Natural Resource

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
Bopco L.P.
Poker Lake Unit #387H

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	In Situ	15-Oct-14	9.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	3,610	1,150	4,760	48
	1	In Situ	15-Oct-14	3.9	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	2	In Situ	15-Oct-14	4.8	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
SP2	Surface	In Situ	15-Oct-14	3.1	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	1	In Situ	15-Oct-14	2.8	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	2	In Situ	15-Oct-14	1.1	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
SP3	Surface	In Situ	15-Oct-14	3.5	120	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	1	In Situ	15-Oct-14	3.3	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	2	In Situ	15-Oct-14	1.4	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
SP4	Surface	In Situ	15-Oct-14	85.6	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	6,450	1,330	7,780	48
	1	In Situ	15-Oct-14	5.8	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	2	In Situ	15-Oct-14	4.9	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	14.1	<10.0	14.1	<16.0
SP5	Surface	In Situ	15-Oct-14	42.6	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	902	189	1,091	<16.0
	1	In Situ	15-Oct-14	2.8	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	2	In Situ	15-Oct-14	1.7	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	15.3	<10.0	15.3	<16.0
SP6	Surface	In Situ	15-Oct-14	3.5	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	314	106	420	<16.0
	1	In Situ	15-Oct-14	3.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
	2	In Situ	15-Oct-14	2.8	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.4	<10.0	13.4	<16.0

TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Bopco L.P.
Poker Lake Unit #387H

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)	
SP7	Surface	In Situ	15-Oct-14	90.5	480	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	9,840	1,970	11,810	480	
	1	In Situ	15-Oct-14	17.1	120	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	122	60.9	182.9	32	
	2	In Situ	15-Oct-14	6.0	120	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	36	17.0	52.7	<16.0	
SP8	Surface	In Situ	16-Oct-14	30.4	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	4,150	989	5,139	96	
	1	In Situ	16-Oct-14	9.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.5	<10.0	10.5	32	
	2	In Situ	16-Oct-14	4.0	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	
SP9	Surface	In Situ	16-Oct-14	25.8	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	6,370	1,600	7,970	<16.0	
	1	In Situ	16-Oct-14	7.7	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	33.7	29.9	63.6	<16.0	
	2	In Situ	16-Oct-14	3.9	80	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0	
Comp 1	Pile	In Situ	24-Oct-14	15.9	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	379	85.8	464.8	16	
Comp 2	Pile	In Situ	24-Oct-14	9.8	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	471	130	601	16	
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 – Lease sign



Photograph #2 – Looking north-east across release area



Photograph #3 – Looking north across release area



Photograph #4 – Looking north across pasture area release



Photograph #5 – Application of Micro-Blaze



Photograph #6 – Excavated area



Photograph #7 – Excavated area



Photograph #8 – Excavated area



Photograph #9 – Berm rebuilt around flare



Photograph #10 – Application of Mirco-Blaze



Photograph #11 – Backfilled area



Photograph #12 – Backfilled area

ATTACHMENT II
Laboratory Analytical Results



October 22, 2014

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

RE: PLU #387H

Enclosed are the results of analyses for samples received by the laboratory on 10/17/14 12:41.

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:	10/17/2014	Sampling Date:	10/15/2014
Reported:	10/22/2014	Sampling Type:	Soil
Project Name:	PLU #387H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	UL-N SEC.18, T25S, R31E		

Sample ID: SP 1 [SURFACE] (H403205-01)

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	10/20/2014	ND	1.83	91.5	2.00	5.27		
Toluene*	<0.050	0.050	10/20/2014	ND	1.72	86.0	2.00	6.28		
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.63	81.3	2.00	6.47		
Total Xylenes*	<0.150	0.150	10/20/2014	ND	4.84	80.7	6.00	6.71		
Total BTEX	<0.300	0.300	10/20/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61-154

Chloride, SM4500Cl-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	10/20/2014	ND	416	104	400	3.92		

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	<100	100	10/17/2014	ND	184	91.8	200	1.79			
DRO >C10-C28	3610	100	10/17/2014	ND	198	99.0	200	2.93			
EXT DRO >C28-C35	1150	100	10/17/2014	ND							

Surrogate: 1-Chlorooctane 141 % 47.2-157

Surrogate: 1-Chlorooctadecane 235 % 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: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 1 [1'] (H403205-02)

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	10/20/2014	ND	1.83	91.5	2.00	5.27	
Toluene*	<0.050	0.050	10/20/2014	ND	1.72	86.0	2.00	6.28	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.63	81.3	2.00	6.47	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	4.84	80.7	6.00	6.71	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

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	10/20/2014	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	10/17/2014	ND	184	91.8	200	1.79	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	198	99.0	200	2.93	
EXT DRO >C28-C35	<10.0	10.0	10/17/2014	ND					

Surrogate: 1-Chlorooctane 98.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 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: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 1 [2'] (H403205-03)

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	10/20/2014	ND	1.83	91.5	2.00	5.27	
Toluene*	<0.050	0.050	10/20/2014	ND	1.72	86.0	2.00	6.28	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.63	81.3	2.00	6.47	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	4.84	80.7	6.00	6.71	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 61-154

Chloride, SM4500Cl-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	10/20/2014	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	10/17/2014	ND	184	91.8	200	1.79	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	198	99.0	200	2.93	
EXT DRO >C28-C35	<10.0	10.0	10/17/2014	ND					

Surrogate: 1-Chlorooctane 99.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 126 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 2 [SURFACE] (H403205-04)

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	10/20/2014	ND	1.83	91.5	2.00	5.27		
Toluene*	<0.050	0.050	10/20/2014	ND	1.72	86.0	2.00	6.28		
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.63	81.3	2.00	6.47		
Total Xylenes*	<0.150	0.150	10/20/2014	ND	4.84	80.7	6.00	6.71		
Total BTEX	<0.300	0.300	10/20/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500Cl-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	10/20/2014	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	10/17/2014	ND	184	91.8	200	1.79		
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	198	99.0	200	2.93		
EXT DRO >C28-C35	<10.0	10.0	10/17/2014	ND						

Surrogate: 1-Chlorooctane 84.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 111 % 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: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 2 [1'] (H403205-05)

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	10/20/2014	ND	1.83	91.5	2.00	5.27	
Toluene*	<0.050	0.050	10/20/2014	ND	1.72	86.0	2.00	6.28	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.63	81.3	2.00	6.47	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	4.84	80.7	6.00	6.71	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61-154

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	10/20/2014	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	10/17/2014	ND	184	91.8	200	1.79	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	198	99.0	200	2.93	
EXT DRO >C28-C35	<10.0	10.0	10/17/2014	ND					

Surrogate: 1-Chlorooctane 89.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 118 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 2 [2'] (H403205-06)

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	10/20/2014	ND	1.83	91.5	2.00	5.27	
Toluene*	<0.050	0.050	10/20/2014	ND	1.72	86.0	2.00	6.28	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.63	81.3	2.00	6.47	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	4.84	80.7	6.00	6.71	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500Cl-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	10/20/2014	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	10/17/2014	ND	184	91.8	200	1.79	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	198	99.0	200	2.93	
EXT DRO >C28-C35	<10.0	10.0	10/17/2014	ND					

Surrogate: 1-Chlorooctane 95.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 115 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 3 [SURFACE] (H403205-07)

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	10/20/2014	ND	1.83	91.5	2.00	5.27	
Toluene*	<0.050	0.050	10/20/2014	ND	1.72	86.0	2.00	6.28	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.63	81.3	2.00	6.47	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	4.84	80.7	6.00	6.71	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61-154

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	10/20/2014	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	10/17/2014	ND	184	91.8	200	1.79	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	198	99.0	200	2.93	
EXT DRO >C28-C35	<10.0	10.0	10/17/2014	ND					

Surrogate: 1-Chlorooctane 94.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 3 [1'] (H403205-08)

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	10/20/2014	ND	1.83	91.5	2.00	5.27	
Toluene*	<0.050	0.050	10/20/2014	ND	1.72	86.0	2.00	6.28	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.63	81.3	2.00	6.47	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	4.84	80.7	6.00	6.71	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61-154

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	10/20/2014	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	10/17/2014	ND	184	91.8	200	1.79	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	198	99.0	200	2.93	
EXT DRO >C28-C35	<10.0	10.0	10/17/2014	ND					

Surrogate: 1-Chlorooctane 84.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 3 [2'] (H403205-09)

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	10/20/2014	ND	1.83	91.5	2.00	5.27	
Toluene*	<0.050	0.050	10/20/2014	ND	1.72	86.0	2.00	6.28	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.63	81.3	2.00	6.47	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	4.84	80.7	6.00	6.71	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61-154

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	10/20/2014	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	10/17/2014	ND	184	91.8	200	1.79	
DRO >C10-C28	<10.0	10.0	10/17/2014	ND	198	99.0	200	2.93	
EXT DRO >C28-C35	<10.0	10.0	10/17/2014	ND					

Surrogate: 1-Chlorooctane 90.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 117 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 4 [SURFACE] (H403205-10)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 133 % 61-154

Chloride, SM4500Cl-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	10/20/2014	ND	416	104	400	3.92	

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	<100	100	10/17/2014	ND	184	91.8	200	1.79		
DRO >C10-C28	6450	100	10/17/2014	ND	198	99.0	200	2.93		
EXT DRO >C28-C35	1330	100	10/17/2014	ND						

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 225 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 4 [1'] (H403205-11)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

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	10/20/2014	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	10/20/2014	ND	184	91.8	200	1.79	
DRO >C10-C28	<10.0	10.0	10/20/2014	ND	198	99.0	200	2.93	
EXT DRO >C28-C35	<10.0	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 68.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 76.2 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 4 [2'] (H403205-12)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 61-154

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	10/20/2014	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	10/17/2014	ND	184	91.8	200	1.79	
DRO >C10-C28	14.1	10.0	10/17/2014	ND	198	99.0	200	2.93	
EXT DRO >C28-C35	<10.0	10.0	10/17/2014	ND					

Surrogate: 1-Chlorooctane 56.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 63.2 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 5 [SURFACE] (H403205-13)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 61-154

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	10/20/2014	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	10/20/2014	ND	186	93.2	200	1.87	
DRO >C10-C28	902	10.0	10/20/2014	ND	195	97.5	200	2.76	
EXT DRO >C28-C35	189	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 89.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 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: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 5 [1'] (H403205-14)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

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	10/20/2014	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	10/20/2014	ND	186	93.2	200	1.87	
DRO >C10-C28	<10.0	10.0	10/20/2014	ND	195	97.5	200	2.76	
EXT DRO >C28-C35	<10.0	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 89.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.8 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 5 [2'] (H403205-15)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

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	10/20/2014	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	10/20/2014	ND	186	93.2	200	1.87	
DRO >C10-C28	15.3	10.0	10/20/2014	ND	195	97.5	200	2.76	
EXT DRO >C28-C35	<10.0	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 89.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 94.2 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 6 [SURFACE] (H403205-16)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

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	10/20/2014	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	10/20/2014	ND	186	93.2	200	1.87	
DRO >C10-C28	314	10.0	10/20/2014	ND	195	97.5	200	2.76	
EXT DRO >C28-C35	106	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 91.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 6 [1'] (H403205-17)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

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	10/20/2014	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	10/20/2014	ND	186	93.2	200	1.87	
DRO >C10-C28	<10.0	10.0	10/20/2014	ND	195	97.5	200	2.76	
EXT DRO >C28-C35	<10.0	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 94.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 6 [2'] (H403205-18)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

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	10/20/2014	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	10/20/2014	ND	186	93.2	200	1.87	
DRO >C10-C28	13.4	10.0	10/20/2014	ND	195	97.5	200	2.76	
EXT DRO >C28-C35	<10.0	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 90.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.5 % 52.1-176

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 7 [SURFACE] (H403205-19)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 143 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	10/20/2014	ND	416	104	400	3.92	

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	<50.0	50.0	10/20/2014	ND	186	93.2	200	1.87		
DRO >C10-C28	9840	50.0	10/20/2014	ND	195	97.5	200	2.76		
EXT DRO >C28-C35	1970	50.0	10/20/2014	ND						

Surrogate: 1-Chlorooctane 124 % 47.2-157

Surrogate: 1-Chlorooctadecane 265 % 52.1-176

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Analytical Results For:

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 7 [1'] (H403205-20)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 61-154

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	10/20/2014	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	10/20/2014	ND	186	93.2	200	1.87	
DRO >C10-C28	122	10.0	10/20/2014	ND	195	97.5	200	2.76	
EXT DRO >C28-C35	60.9	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 90.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

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 Fax To: (505) 394-2601

 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 7 [2'] (H403205-21)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 61-154

Chloride, SM4500Cl-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	10/20/2014	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	10/20/2014	ND	186	93.2	200	1.87	
DRO >C10-C28	35.7	10.0	10/20/2014	ND	195	97.5	200	2.76	
EXT DRO >C28-C35	17.0	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 93.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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* = Accredited Analyte

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 Received: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 8 [SURFACE] (H403205-22)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/20/2014	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	<50.0	50.0	10/20/2014	ND	177	88.3	200	1.44	
DRO >C10-C28	4150	50.0	10/20/2014	ND	199	99.7	200	2.58	
EXT DRO >C28-C35	989	50.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 89.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 159 % 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: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 8 [1'] (H403205-23)

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	10/20/2014	ND	1.84	91.8	2.00	3.54	
Toluene*	<0.050	0.050	10/20/2014	ND	1.83	91.5	2.00	3.50	
Ethylbenzene*	<0.050	0.050	10/20/2014	ND	1.84	92.2	2.00	3.72	
Total Xylenes*	<0.150	0.150	10/20/2014	ND	5.45	90.8	6.00	3.45	
Total BTEX	<0.300	0.300	10/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 61-154

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	10/20/2014	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	10/20/2014	ND	177	88.3	200	1.44	
DRO >C10-C28	10.5	10.0	10/20/2014	ND	199	99.7	200	2.58	
EXT DRO >C28-C35	<10.0	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 89.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 84.3 % 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: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 8 [2'] (H403205-24)

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	10/21/2014	ND	1.81	90.6	2.00	8.37	
Toluene*	<0.050	0.050	10/21/2014	ND	1.72	85.8	2.00	8.23	
Ethylbenzene*	<0.050	0.050	10/21/2014	ND	1.61	80.6	2.00	9.37	
Total Xylenes*	<0.150	0.150	10/21/2014	ND	4.79	79.8	6.00	9.88	
Total BTEX	<0.300	0.300	10/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

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	10/20/2014	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	10/20/2014	ND	190	95.2	200	1.43	
DRO >C10-C28	<10.0	10.0	10/20/2014	ND	196	98.1	200	2.75	
EXT DRO >C28-C35	<10.0	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 90.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 96.8 % 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: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 9 [SURFACE] (H403205-25)

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	10/21/2014	ND	1.81	90.6	2.00	8.37	
Toluene*	<0.050	0.050	10/21/2014	ND	1.72	85.8	2.00	8.23	
Ethylbenzene*	<0.050	0.050	10/21/2014	ND	1.61	80.6	2.00	9.37	
Total Xylenes*	<0.150	0.150	10/21/2014	ND	4.79	79.8	6.00	9.88	
Total BTEX	<0.300	0.300	10/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500Cl-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	10/20/2014	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	<50.0	50.0	10/20/2014	ND	190	95.2	200	1.43		
DRO >C10-C28	6370	50.0	10/20/2014	ND	196	98.1	200	2.75		
EXT DRO >C28-C35	1600	50.0	10/20/2014	ND						

Surrogate: 1-Chlorooctane 94.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 221 % 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: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 9 [1'] (H403205-26)

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	10/21/2014	ND	1.81	90.6	2.00	8.37	
Toluene*	<0.050	0.050	10/21/2014	ND	1.72	85.8	2.00	8.23	
Ethylbenzene*	<0.050	0.050	10/21/2014	ND	1.61	80.6	2.00	9.37	
Total Xylenes*	<0.150	0.150	10/21/2014	ND	4.79	79.8	6.00	9.88	
Total BTEX	<0.300	0.300	10/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

Chloride, SM4500Cl-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	10/20/2014	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	10/20/2014	ND	190	95.2	200	1.43	
DRO >C10-C28	33.7	10.0	10/20/2014	ND	196	98.1	200	2.75	
EXT DRO >C28-C35	29.9	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 95.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 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: 10/17/2014
 Reported: 10/22/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/16/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 9 [2'] (H403205-27)

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	10/21/2014	ND	1.81	90.6	2.00	8.37	
Toluene*	<0.050	0.050	10/21/2014	ND	1.72	85.8	2.00	8.23	
Ethylbenzene*	<0.050	0.050	10/21/2014	ND	1.61	80.6	2.00	9.37	
Total Xylenes*	<0.150	0.150	10/21/2014	ND	4.79	79.8	6.00	9.88	
Total BTEX	<0.300	0.300	10/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

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	10/20/2014	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	10/20/2014	ND	190	95.2	200	1.43	
DRO >C10-C28	<10.0	10.0	10/20/2014	ND	196	98.1	200	2.75	
EXT DRO >C28-C35	<10.0	10.0	10/20/2014	ND					

Surrogate: 1-Chlorooctane 91.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 98.0 % 52.1-176

Cardinal Laboratories

* = Accredited Analyte

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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.
- 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





October 27, 2014

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

RE: PLU #387H

Enclosed are the results of analyses for samples received by the laboratory on 10/24/14 16:15.

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:	10/24/2014	Sampling Date:	10/24/2014
Reported:	10/27/2014	Sampling Type:	Soil
Project Name:	PLU #387H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-N SEC.18, T25S, R31E		

Sample ID: COMP 1 (H403287-01)

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	10/27/2014	ND	2.02	101	2.00	2.35	
Toluene*	<0.050	0.050	10/27/2014	ND	1.91	95.7	2.00	1.95	
Ethylbenzene*	<0.050	0.050	10/27/2014	ND	1.79	89.7	2.00	0.686	
Total Xylenes*	<0.150	0.150	10/27/2014	ND	5.33	88.8	6.00	0.173	
Total BTEX	<0.300	0.300	10/27/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500Cl-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	10/27/2014	ND	400	100	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	10/24/2014	ND	201	100	200	0.982	
DRO >C10-C28	379	10.0	10/24/2014	ND	188	94.1	200	1.63	
EXT DRO >C28-C35	85.8	10.0	10/24/2014	ND					

Surrogate: 1-Chlorooctane 105 % 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: 10/24/2014
 Reported: 10/27/2014
 Project Name: PLU #387H
 Project Number: NONE GIVEN
 Project Location: UL-N SEC.18, T25S, R31E

 Sampling Date: 10/24/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: COMP 2 (H403287-02)

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	10/27/2014	ND	2.02	101	2.00	2.35	
Toluene*	<0.050	0.050	10/27/2014	ND	1.91	95.7	2.00	1.95	
Ethylbenzene*	<0.050	0.050	10/27/2014	ND	1.79	89.7	2.00	0.686	
Total Xylenes*	<0.150	0.150	10/27/2014	ND	5.33	88.8	6.00	0.173	
Total BTEX	<0.300	0.300	10/27/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

Chloride, SM4500Cl-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	10/27/2014	ND	400	100	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	10/25/2014	ND	201	100	200	0.982	
DRO >C10-C28	471	10.0	10/25/2014	ND	188	94.1	200	1.63	
EXT DRO >C28-C35	130	10.0	10/25/2014	ND					

Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 114 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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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.

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: BOPCO

Facility Name: PLU #387H

Location: UL- N Sec. 18, T25S, R31E

Project Reference: David Robinson

EPI Sampler Name: David Robinson

Bill To
 BOPCO, L.P.
 Attn: Brad Blevins
 522 W. Mermod, Suite 704
 Carlsbad, NM 88220

ANALYSIS REQUEST

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		ANALYSIS REQUEST									
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH	
H403287		C	1			X					X		24-Oct-14	2:25	X	X	X						
		C	1			X					X		24-Oct-14	2:26	X	X	X						

Sampler Relinquished: David Robinson

Relinquished by: David Robinson

Delivered by: David Robinson

Date: 10/14/14
 Time: 5:30 PM
 Received By: David Robinson

Date: 10/14/14
 Time: 4:15 PM
 Received By: David Robinson

Sample Cool & Intact: Yes
 No

E-mail results to: ddominguezepi@gmail.com & bblevins@basspet.com
 NOTES: & tasavole@basspet.com

RUSH!

#54

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

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
Santa Fe, NM 87505

RECEIVED
JAN 15 2014
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.
NMOC D ARTESIA

Form C-141
Revised August 8, 2011

Release Notification and Corrective Action

nJMW 1402855518 OPERATOR Initial Report Final Report

Name of Company: BOPCO, L.P. <i>260737</i>	Contact: Tony Savoie
Address: 522 W. Mermod, Suite 704 Carlsbad, N.M. 88220	Telephone No. 575-887-7329
Facility Name: PLU-387H Tank Battery	Facility Type: Exploration and Production
Surface Owner: U.S.A. <i>↓</i>	Mineral Owner: U.S.A.
API No. 30-015-41185	

State or Fed(?) LOCATION OF RELEASE

Unit Letter D	Section 18	Township 25S	Range 31E	Feet from the 526	North/South Line North	Feet from the 418	East/West Line West	County: Eddy
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Latitude N 32.136122 Longitude W 103.824399

NATURE OF RELEASE

Type of Release: Crude oil and produced water	Volume of Release: 29 bbls crude oil and 6 bbls produced water	Volume Recovered: 20 bbls crude oil and 5 bbls produced water
Source of Release	Date and Hour of Occurrence: 1/5/14 at 7:00 a.m.	Date and Hour of Discovery: 1/5/14 at 7:00 a.m.
-Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Delayed report to Mike Bratcher NMOCD BLM on 1/5/14 at 12:30 p.m.	
By Whom? Tony Savoie	Date and Hour 1/7/14 at 11:36 a.m.	
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.*
The valves on the process valves were misaligned and the flare scrubber dump failed to operate properly. The system over pressured and fluid went out the flare line vent. The system was restored to normal operations.

Describe Area Affected and Cleanup Action Taken.*
Approximately 247,860 sq. ft. of pasture area was lightly misted by the release, fluid visible on the vegetation but not on ground surface. Approximately 23,726 sq. ft. of pasture was more heavily impacted by the release, the vegetation was covered and there was 6 inches to 1 inch of saturation on the soil. There was a berm around the flare system that contained some of the fluid; approximately 25 bbls total fluid was recovered from the bermed area. The heavily impacted vegetation was washed down with soap, water and micro-blaze mixture. The spill will be remediated in accordance to the NMOCD and BLM recommended guidelines.

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>Tony Savoie</i>	OIL CONSERVATION DIVISION	
Printed Name: Tony Savoie	Approved by Environmental Specialist: Signed By <i>Mike Bratcher</i>	
Title: Waste Management and Remediation Specialist	Approval Date: JAN 28 2014	Expiration Date:
E-mail Address: tasavoie@basspet.com	Conditions of Approval:	Attached <input type="checkbox"/>
Date: <i>1/14/14</i> Phone: 432-556-8730	Remediation per OCD Rule & Guidelines, & like approval by BLM. SUBMIT REMEDIATION PROPOSAL NO LATER THAN:	

* Attach Additional Sheets If Necessary

February 28, 2014
2RP-2164

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-141
Revised October 10, 2003

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

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company: Bopco, L.P.	Contact: Tony Savoie
Address: 522 W. Mermod, Suite 704 Carlsbad, NM 88220	Telephone No.: (575) 887-7329
Facility Name: PLU-387H Tank Battery	Facility Type: Exploration and Production
Surface Owner: Federal	Mineral Owner: Federal
API No.: 30-015-41185	

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
D	18	25S	31E	526	North	418	West	Eddy

Latitude: N 32.136122 **Longitude:** W 103.824399

NATURE OF RELEASE

Type of Release: crude oil and produced water	Volume of Release: 29 bbls of crude oil and 6 bbls produced water	Volume Recovered: 20 bbls crude oil and 5 bbls water
Source of Release: flare line vent	Date and Hour of Occurrence: 1/5/14 @ 7:00 am	Date and Hour of Discovery: 1/4/14 @ 7:00 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Delayed report to Mike Bratcher NMOCD BLM on 1/5/14 @ 12:30 pm	
By Whom? Tony Savoie	Date and Hour: 1/7/14 @ 11:36 am	
Was a Watercourse Reached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse: Not Applicable	

Depth to Water. ~375 ft bgs

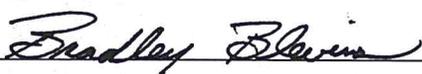
If a Watercourse was Impacted, Describe Fully.* Not Applicable

Describe Cause of Problem and Remedial Action Taken.* The valves on the process valves were misaligned and the flare scrubber dump failed to operate properly. The system over pressured and fluid went out the flare line vent. The system was restored to normal operations.

Describe Area Affected and Cleanup Action Taken.* Approximately 247,860 sq. ft. of pasture area was lightly misted by the release; fluid was visible on the vegetation but not on ground surface. Approximately 23,726 sq. ft. of pasture was more heavily impacted by the release; the vegetation was covered with 1-6 inches of saturation on the soil. A berm around the flare system that contained some of the fluid; approximately 25 bbls total fluid was recovered from the bermed area. The heavily impacted vegetation was washed down with soap, water and micro-blaze mixture. The area of saturated soil was excavated approximately 2 ft bgs and remediated on site using Micro-Blaze and clean soil. The excavation was backfilled with the remediated soil, treated with Micro-Blaze again, reseeded and watered. The spill will be remediated in accordance to the NMOCD and BLM recommended guidelines.

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 District Supervisor:	
Printed Name: Brad Blevins	Approval Date:	Expiration Date:
Title: EHS Asst. Remediation Foreman	Conditions of Approval:	
E-mail Address: bblevins@basspet.com	Attached <input type="checkbox"/>	
Date: 11-26-14 Phone: (432) 214-3704		

* Attach Additional Sheets If Necessary