

ENVIRONMENTAL PLUS, INC.

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



CLOSURE REPORT

**BOPCO, L.P.
PLU #315H Flowline
Eddy County, New Mexico
Unit Letter "E", Section 13, Township 24 South, Range 30 East
Latitude 32.20739 North, Longitude 103.82718 West
NMOCD Reference #2RP-3207**

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**

October 2015

**Daniel Dominguez
Project Manager**



5 October 2015

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

RE: Final Closure Report
Bopco – PLU #315H Flowline
UL-E, Section 13, Township 24 South, Range 30 East
Eddy County, New Mexico
NMOCD Reference # 2RP 3207

Ms. Patterson:

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

Background Information:

The PLU 315H flowline failed, an area night pumper discovered the release. Bopco EHS was notified Friday morning and was able to respond and collect information. It was discovered that 52 barrels of produced water and 10 barrels of oil was released to the ground surface. No fluid was recovered, the majority of the release remained within the caliche lease road.

Remediation Activities:

EPI personnel mobilized on the site on August 18, 2015 to collect soil samples to determine the vertical extent of contamination. A total of seventeen (17) soil samples were collected from five (5) sample locations; SP1 – SP5. Six (6) of the samples were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate, with the exception of SP1 at five and half (5.5) feet bgs, 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*).

On August 25, 2015 two (2) additional, deeper, soil samples were collected from SP1 to determine depth of contamination in this area. One (1) of these samples, SP1 at nine (9) feet bgs, was sent to Cardinal Labs in Hobbs, New Mexico for testing. Laboratory analytical results indicate the area at nine (9) feet bgs is void of Benzene, BTEX, TPH and Chloride concentrations in excess of NMOCD RRALs of 10 mg/Kg, 50 mg/Kg, 5,000 mg/Kg, and 1,000 mg/Kg, respectively (reference *Figure 3* and *Table 2*).

The release area was excavated to a depth of two (2) feet bgs in the area of SP1; SP2 – SP5 were scraped up. Approximately 26.81 tons of contaminated soil were excavated and hauled to a state approved facility for disposal.

Closure Activities:

On September 25, 2015 a 20 mil thick poly-ethylene liner was installed in the area of SP1 (reference *Figure 4*). After installation of liner the road and excavation were backfilled with approximately 26.81 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 lease road 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
Figure 4 – Liner 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

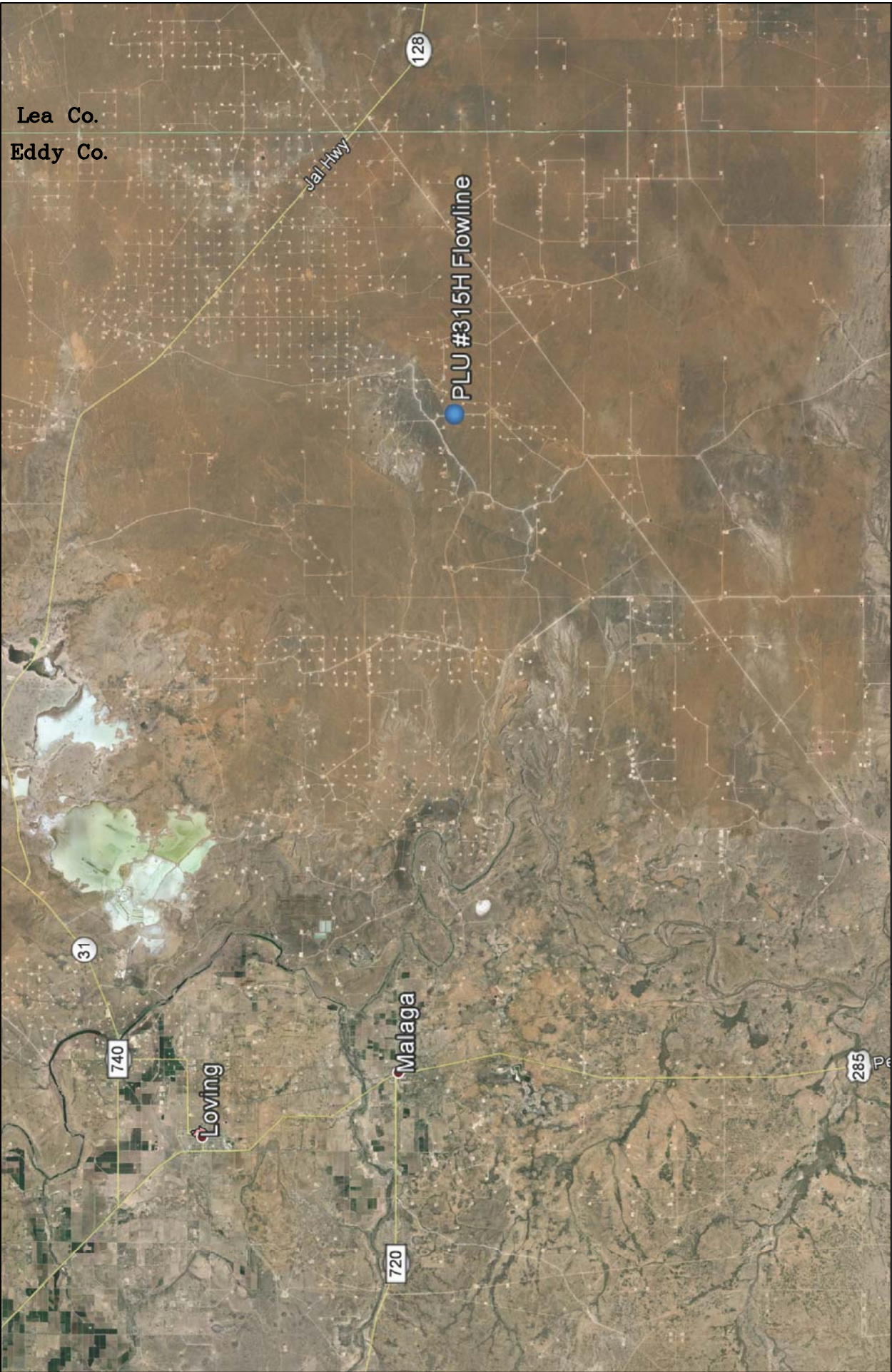
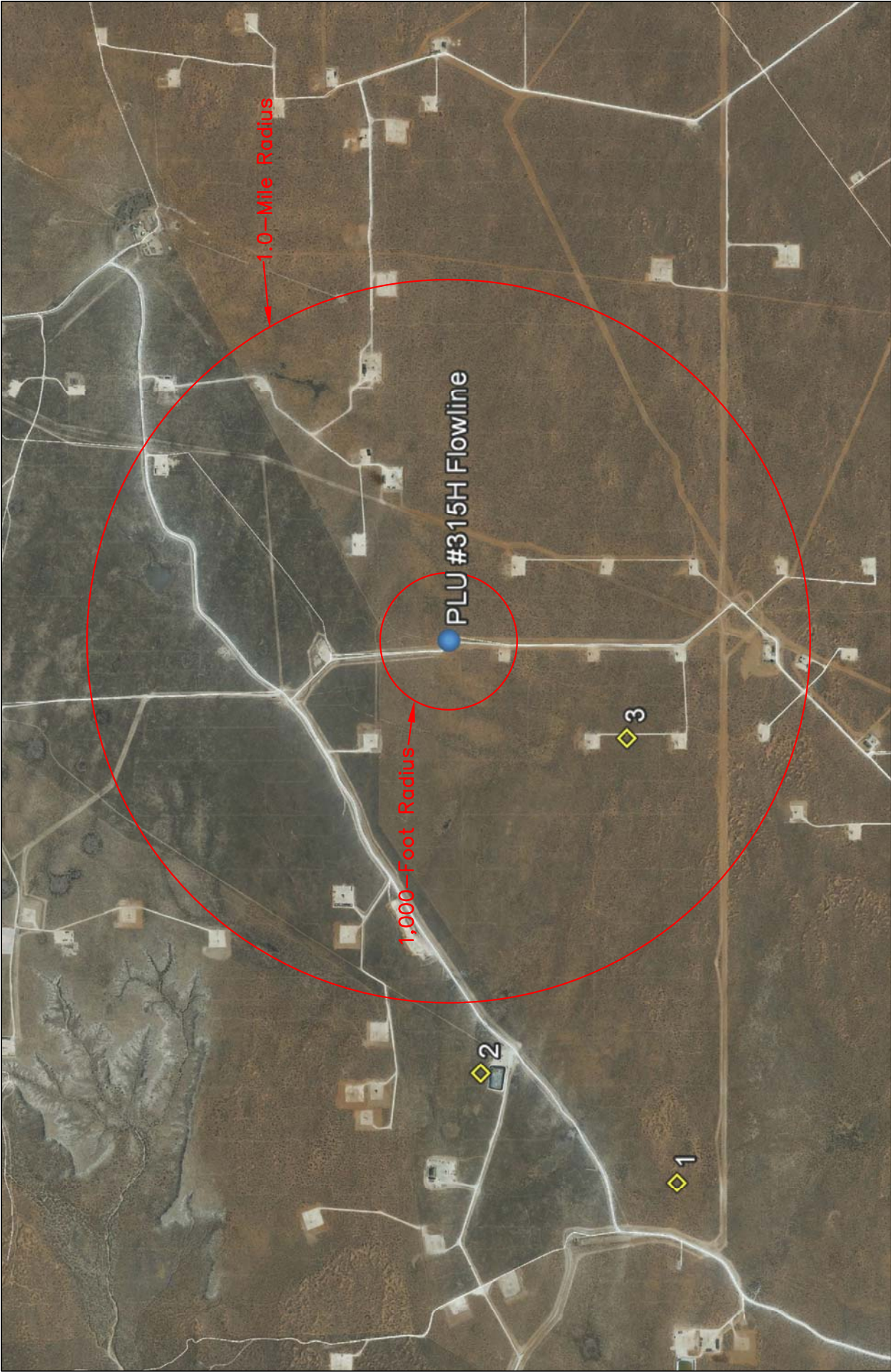


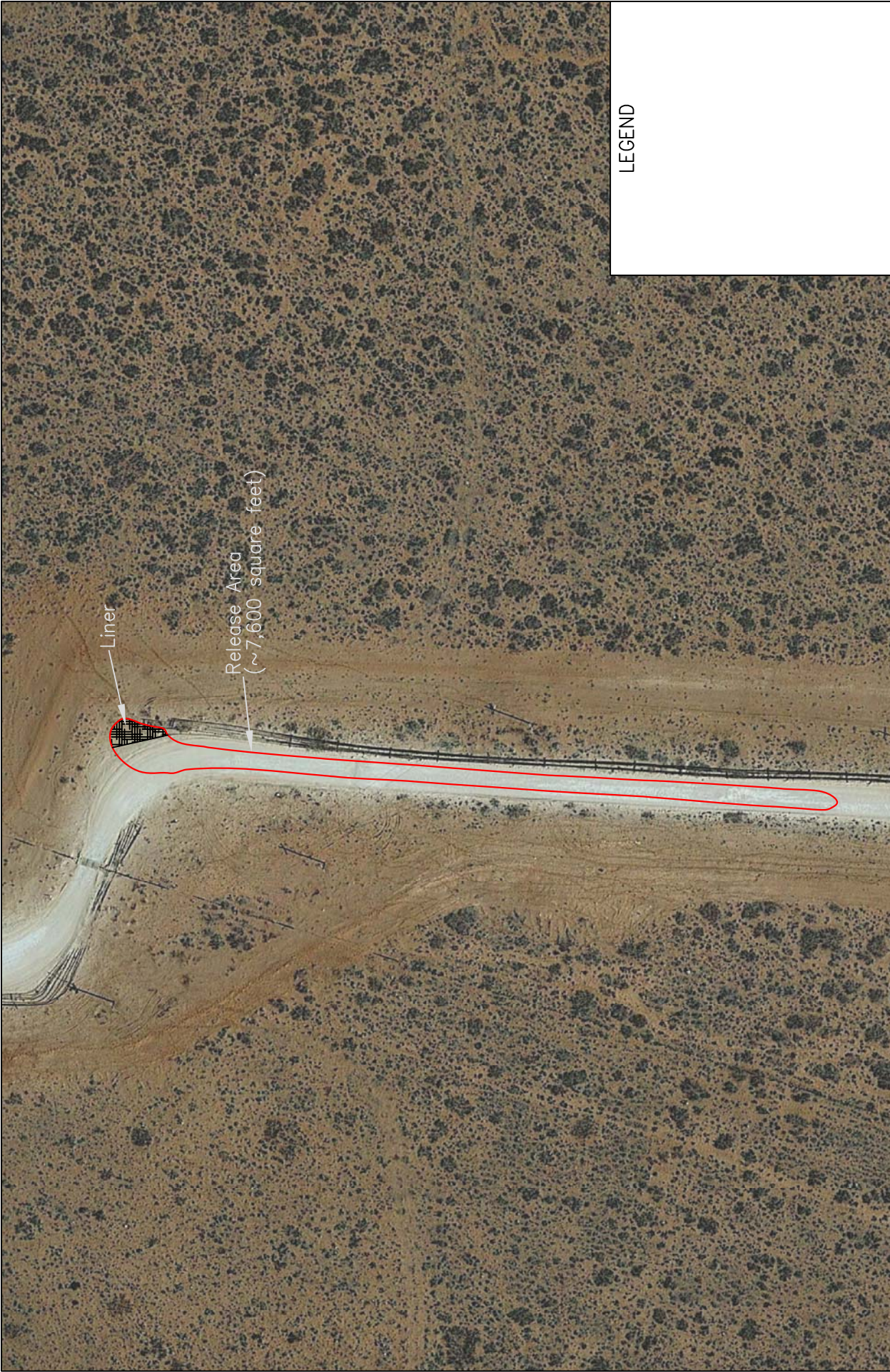
Figure 1 Area Map Bopco, L.P. PLU #315H Flowline	Eddy County, New Mexico SW 1/4 of NW 1/4, Sec. 13, T24S, R30E N 32° 12' 26.60" W 103° 49' 37.85" Elevation: 3,476 feet amsl	DWG By: D Dominguez October 2015	REVISED:	
		 Miles	SHEET 1 of 1	

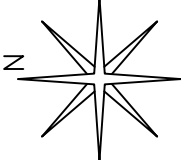



<p>Figure 2 Site Location Map Bopco, L.P. PLU #315H Flowline</p>	<p>Eddy County, New Mexico SW 1/4 of NW 1/4, Sec. 13, T24S, R30E N 32° 12' 26.60" W 103° 49' 37.85" Elevation: 3,476 feet amsl</p>
<p>DWG By: D Dominguez October 2015</p>	<p>REVISED:</p> <p>0 2,000 4,000 Feet</p> <p>4,000 SHEET 1 of 1</p>
<p>N</p>	



<p>LEGEND</p> <p>X SP1 Sample Point</p>			<p>Figure 3 Site/Sample Map Bopco, L.P. PLU #315H Flowline</p>
	<p>DWG By: D Dominguez October 2015</p>	<p>Eddy County, New Mexico SW 1/4 of NW 1/4, Sec. 13, T24S, R30E N 32° 12' 26.60" W 103° 49' 37.85" Elevation: 3,476 feet amsl</p>	
	<p>REVISED:</p> <p>0 100 200 Feet</p> <p>SHEET 1 of 1</p>		<p>N</p>



LEGEND		REVISED:		
		DWG By: D Dominguez October 2015	SHEET 1 of 1	
		 Feet		
Figure 4 Liner Map Bopco, L.P. PLU #315H Flowline		Eddy County, New Mexico SW 1/4 of NW 1/4, Sec. 13, T24S, R30E N 32° 12' 26.60" W 103° 49' 37.85" Elevation: 3,476 feet amsl		

TABLES

TABLE 1

Well Data**Bopco, L.P. - PLU #315H Flowline**

Ref #	Well Number	Use	Diversion ^A	Owner	q64	q16	q4	Sec	Twsp	Rng	Easting	Northing	Date Measured	Surface Elevation ^B	Depth to Water (ft bgs)
1	C 02110	STK	3	CLARENCE W. MCDONALD		4	3	23	24S	30E	608036	3562950	31-Dec-67	3,415	400
2	C 02780	MON	0	U.S. DEPT. OF ENERGY - WIPP	2	3	2	23	24S	30E	608535	3563857	31-Dec-79	3,443	--
3	C 03702	MON	0	BOPCO, LP	4	1	4	24	24S	30E	610092	3563204	11-Dec-13	3,443	--

* = 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 -- = Data not provided on the NM iwaters website

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

STK = 72-12-1 Livestock watering

MON = Monitoring Well

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.
PLU #315H Flowline

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	18-Aug-15	1,480	>4,000	--	--	--	--	--	--	--	--	--	--
	1	Excavated	18-Aug-15	22.2	>4,000	--	--	--	--	--	--	--	--	--	--
	2	Excavated	18-Aug-15	13.2	>4,000	--	--	--	--	--	--	--	--	--	--
	3	In Situ	18-Aug-15	5.9	>4,000	--	--	--	--	--	--	--	--	--	--
	4	In Situ	18-Aug-15	6.2	>4,000	--	--	--	--	--	--	--	--	--	--
	5	In Situ	18-Aug-15	6.1	>4,000	--	--	--	--	--	--	--	--	--	--
	5.5	In Situ	18-Aug-15	7.4	1,520	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	2,520
	7	In Situ	25-Aug-15	3.4	400	--	--	--	--	--	--	--	--	--	--
	9	In Situ	25-Aug-15	3.3	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	10.1	<10.0	10.1	160
SP2	Surface	Excavated	18-Aug-15	21.6	>4,000	--	--	--	--	--	--	--	--	--	--
	1	In Situ	18-Aug-15	4.3	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	240
SP3	Surface	Excavated	18-Aug-15	56.8	>4,000	--	--	--	--	--	--	--	--	--	--
	1	In Situ	18-Aug-15	5.9	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	48
SP4	Surface	Excavated	18-Aug-15	60	>4,000	--	--	--	--	--	--	--	--	--	--
	1	In Situ	18-Aug-15	10.6	400	--	--	--	--	--	--	--	--	--	--
	2	In Situ	18-Aug-15	12.4	160	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	<16.0
SP5	Surface	Excavated	18-Aug-15	40.6	>4,000	--	--	--	--	--	--	--	--	--	--
	1	In Situ	18-Aug-15	29.5	240	--	--	--	--	--	--	--	--	--	--
	2	In Situ	18-Aug-15	8.1	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	160
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
 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 – Looking across release area



Photograph #4 – Looking across release area



Photograph #5 – Excavated area



Photograph #6 – Excavated area



Photograph #7 – Excavated area



Photograph #8 – Liner installed



Photograph #9 – Backfilled area



Photograph #10 – Backfilled area

ATTACHMENT II
Laboratory Analytical Results



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 26, 2015

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: PLU #315 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 08/20/15 11:55.

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, flowing 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: 08/20/2015
Reported: 08/26/2015
Project Name: PLU #315 FLOWLINE
Project Number: NONE GIVEN
Project Location: UL-A SEC. 24, T24S, R30E

Sampling Date: 08/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP1 (5.5') (H502195-01)

BTEX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2015	ND	2.02	101	2.00	3.37	
Toluene*	<0.050	0.050	08/24/2015	ND	1.89	94.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	08/24/2015	ND	1.98	98.8	2.00	6.28	
Total Xylenes*	<0.150	0.150	08/24/2015	ND	5.75	95.8	6.00	3.68	
Total BTEX	<0.300	0.300	08/24/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	2520	16.0	08/21/2015	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2015	ND	187	93.5	200	2.00	
DRO >C10-C28	<10.0	10.0	08/21/2015	ND	200	99.9	200	2.67	
EXT DRO >C28-C35	<10.0	10.0	08/21/2015	ND					

Surrogate: 1-Chlorooctane 81.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 69.4 % 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: 08/20/2015
Reported: 08/26/2015
Project Name: PLU #315 FLOWLINE
Project Number: NONE GIVEN
Project Location: UL-A SEC. 24, T24S, R30E

Sampling Date: 08/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP2 (1') (H502195-02)

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2015	ND	2.02	101	2.00	3.37	
Toluene*	<0.050	0.050	08/24/2015	ND	1.89	94.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	08/24/2015	ND	1.98	98.8	2.00	6.28	
Total Xylenes*	<0.150	0.150	08/24/2015	ND	5.75	95.8	6.00	3.68	
Total BTEX	<0.300	0.300	08/24/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	240	16.0	08/21/2015	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2015	ND	187	93.5	200	2.00	
DRO >C10-C28	<10.0	10.0	08/21/2015	ND	200	99.9	200	2.67	
EXT DRO >C28-C35	<10.0	10.0	08/21/2015	ND					

Surrogate: 1-Chlorooctane 72.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 82.0 % 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: 08/20/2015
 Reported: 08/26/2015
 Project Name: PLU #315 FLOWLINE
 Project Number: NONE GIVEN
 Project Location: UL-A SEC. 24, T24S, R30E

 Sampling Date: 08/18/2015
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Judy Garcia

Sample ID: SP3 (1') (H502195-03)

BTEx 8021B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/24/2015	ND	2.02	101	2.00	3.37		
Toluene*	<0.050	0.050	08/24/2015	ND	1.89	94.7	2.00	4.66		
Ethylbenzene*	<0.050	0.050	08/24/2015	ND	1.98	98.8	2.00	6.28		
Total Xylenes*	<0.150	0.150	08/24/2015	ND	5.75	95.8	6.00	3.68		
Total BTEX	<0.300	0.300	08/24/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	48.0	16.0	08/21/2015	ND	432	108	400	7.69		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2015	ND	187	93.5	200	2.00	
DRO >C10-C28	<10.0	10.0	08/21/2015	ND	200	99.9	200	2.67	
EXT DRO >C28-C35	<10.0	10.0	08/21/2015	ND					

Surrogate: 1-Chlorooctane 76.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 78.1 % 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: 08/20/2015
Reported: 08/26/2015
Project Name: PLU #315 FLOWLINE
Project Number: NONE GIVEN
Project Location: UL-A SEC. 24, T24S, R30E

Sampling Date: 08/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP4 (2') (H502195-04)

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2015	ND	2.02	101	2.00	3.37	
Toluene*	<0.050	0.050	08/24/2015	ND	1.89	94.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	08/24/2015	ND	1.98	98.8	2.00	6.28	
Total Xylenes*	<0.150	0.150	08/24/2015	ND	5.75	95.8	6.00	3.68	
Total BTEx	<0.300	0.300	08/24/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	08/21/2015	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2015	ND	187	93.5	200	2.00	
DRO >C10-C28	<10.0	10.0	08/21/2015	ND	200	99.9	200	2.67	
EXT DRO >C28-C35	<10.0	10.0	08/21/2015	ND					

Surrogate: 1-Chlorooctane 71.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 78.0 % 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
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Fax To: (505) 394-2601

Received: 08/20/2015
Reported: 08/26/2015
Project Name: PLU #315 FLOWLINE
Project Number: NONE GIVEN
Project Location: UL-A SEC. 24, T24S, R30E

Sampling Date: 08/18/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Judy Garcia

Sample ID: SP5 (2') (H502195-05)

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/24/2015	ND	2.02	101	2.00	3.37	
Toluene*	<0.050	0.050	08/24/2015	ND	1.89	94.7	2.00	4.66	
Ethylbenzene*	<0.050	0.050	08/24/2015	ND	1.98	98.8	2.00	6.28	
Total Xylenes*	<0.150	0.150	08/24/2015	ND	5.75	95.8	6.00	3.68	
Total BTEx	<0.300	0.300	08/24/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	08/21/2015	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2015	ND	187	93.5	200	2.00	
DRO >C10-C28	<10.0	10.0	08/21/2015	ND	200	99.9	200	2.67	
EXT DRO >C28-C35	<10.0	10.0	08/21/2015	ND					

Surrogate: 1-Chlorooctane 72.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 81.5 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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



Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

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

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Environmental Plus, Inc.

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

P.O. Box 1558, Eunice, NM 88231

Chain of Custody Form
LAB Cardinal

Company Name Environmental Plus, Inc.

Bill To

ANALYSIS REQUEST

EPI Project Manager Daniel Dominguez

Mailing Address P.O. BOX 1558

City, State, Zip Eunice New Mexico 88231

EPI Phone# / Fax# 575-394-3481 / 575-394-2601

Client Company BOPCO

Facility Name PLU #315 Flowline

Location UL-A Sec. 24, T24S, R30E

AFE#

EPI Sampler Name David Robinson

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

LAB I.D.

SAMPLE I.D.

4502195

1 SP1 (5.5')

2 SP2 (1')

3 SP3 (1')

4 SP4 (2')

5 SP5 (2')

6

7

8

9

10

(G)RAB OR (C)OMP.

CONTAINERS

GROUND WATER

WASTEWATER

SOIL

CRUDE OIL

SLUDGE

OTHER:

ACID/BASE

ICE/COOL

OTHER

DATE

TIME

18-Aug-15

10:23

18-Aug-15

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18-Aug-15

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18-Aug-15

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PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

September 08, 2015

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: PLU #315 FLOWLINE

Enclosed are the results of analyses for samples received by the laboratory on 09/01/15 15:20.

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, flowing 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: 09/01/2015
Reported: 09/08/2015
Project Name: PLU #315 FLOWLINE
Project Number: NONE GIVEN
Project Location: UL-A SEC. 24, T24S, R30E

Sampling Date: 08/25/2015
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (9') (H502328-01)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/04/2015	ND	1.96	98.1	2.00	0.983	
Toluene*	<0.050	0.050	09/04/2015	ND	1.79	89.3	2.00	1.10	
Ethylbenzene*	<0.050	0.050	09/04/2015	ND	1.84	91.8	2.00	2.38	
Total Xylenes*	<0.150	0.150	09/04/2015	ND	5.74	95.7	6.00	0.630	
Total BTX	<0.300	0.300	09/04/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	09/04/2015	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/02/2015	ND	190	94.9	200	0.159	
DRO >C10-C28	10.1	10.0	09/02/2015	ND	206	103	200	0.564	
EXT DRO >C28-C35	<10.0	10.0	09/02/2015	ND					

Surrogate: 1-Chlorooctane 72.5 % 47.2-157

Surrogate: 1-Chlorooctadecane 68.8 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager

Chain of Custody Form

LAB Cardinal

ANALYSIS REQUEST

Page 4 of 4

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

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

State of New Mexico
Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011

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

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

Release Notification and Corrective Action

NAB1523130328

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 315H Flowline	Facility Type: Exploration and Production	
Surface Owner: Federal	Mineral Owner:	API No. 3001539166

LOCATION OF RELEASE

Unit Letter E	Section 13	Township 24S	Range 30E	Feet from the 1650	North/South Line	Feet from the 710	East/West Line	County Eddy
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Latitude: 32.20739 Longitude: 103.82718

NATURE OF RELEASE

Type of Release: Crude Oil and Produced Water	Volume of Release: 10 oil, 52 barrels PW	Volume Recovered: None
Source of Release: Flowline	Date and Hour of Occurrence: 8-14-15 @ 12:00am	Date and Hour of Discovery: 8-14-15 @ 1:00am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher, Heather Patterson, Jim Amos vis Email	
By Whom? Bradley Blevins	Date and Hour: 8-14-15 @ 3:48pm	
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.*

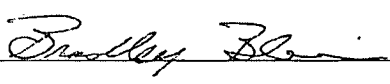

Describe Cause of Problem and Remedial Action Taken.*

The PLU 315H flowline failed, an area night pumper discovered the release. Bopco EHS was notified Friday morning and was able to respond and collect information. It was discovered that 52 barrels of produced water and 10 barrels of oil was released to the ground surface. No fluid was recovered, the majority of the release remained within the caliche lease road.

Describe Area Affected and Cleanup Action Taken.*

The majority of the release remained within the caliche lease road, no fluid was recoverable at the time of discovery.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOC 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 NMOC 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, NMOC acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION	
Printed Name: Bradley Blevins	Approved by Environmental Specialist: 	
Title: Assistant Remediation Foreman	Approval Date:	Expiration Date:
E-mail Address: bblevins@basspet.com	Conditions of Approval:	
Date: 8-17-15	Phone: 432-214-3704	
Remediation per O.C.D. Rules & Guidelines		
SUBMIT REMEDIATION PROPOSAL NO		
LATER THAN: 9/21/15		

* Attach Additional Sheets If Necessary

22P-3207

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 #315H Flowline; 2RP#3207	Facility Type: Exploration and Production

Surface Owner: Federal	Mineral Owner:	API No. 30-015-39166
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LOCATION OF RELEASE

Unit Letter E	Section 13	Township 24S	Range 30E	Feet from the 1650	North/South Line North	Feet from the 710	East/West Line West	County Eddy
------------------	---------------	-----------------	--------------	-----------------------	---------------------------	----------------------	------------------------	----------------

Latitude: N 32.20739° Longitude: W 103.82718°

NATURE OF RELEASE

Type of Release: crude oil and produced water	Volume of Release: 10 oil, 52 bbls PW	Volume Recovered: none
Source of Release: Flowline	Date and Hour of Occurrence: 8/14/15 @ 12 am	Date and Hour of Discovery: 8/14/15 @ 1 am
Was Immediate Notice Given? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher, Heather Patterson, Jim Amos via email	
By Whom? Bradley Blevins	Date and Hour: 8/14/15 @ 3:48 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.*


The PLU 315H flowline failed, an area night pumper discovered the release. Bopco EHS was notified Friday morning and was able to respond and collect information. It was discovered that 52 barrels of produced water and 10 barrels of oil was released to the ground surface. No fluid was recovered, the majority of the release remained within the caliche lease road.

Describe Area Affected and Cleanup Action Taken.*

The majority of the release remained within the caliche lease road, no fluid was recoverable at the time of discovery. Samples were collected, and based on laboratory analytical data and NMOCD approval: the lease road was scraped up, contaminated soil excavated and hauled to a state approved disposal facility, a liner placed over area of SP1, 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.

OIL CONSERVATION DIVISION

Signature: 	Approved by Environmental Specialist:		
Printed Name: Bradley Blevins			
Title: Assistant Remediation Foreman	Approval Date:	Expiration Date:	
E-mail Address: bblevins@basspet.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <u>10-7-15</u>	Phone: 432-214-3704		

* Attach Additional Sheets If Necessary