ENVIRONMENTAL PLUS, INC.

2100 AVE 'O' P.O. BOX 1558 EUNICE, NM 88231

ddominguezepi@gmail.com

Office: (575)394-3481 Fax: (575)394-2601



CLOSURE REPORT

BOPCO, L.P.

Poker Lake Unit #50
Eddy County, New Mexico
Unit Letter "B", Section 4, Township 25 South, Range 31 East
Latitude 32.164930 North, Longitude 103.780630 West
NMOCD Reference #2RP-1728; #2RP-2251

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

December 2014

	_
Daniel Dominguez	
Project Manager	



30 December 2014

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

RE: Final Closure Report
Bopco – Poker Lake Unit #50
UL-B, Section 4, Township 25 South, Range 31 East
Eddy County, New Mexico
NMOCD Reference #'s 2RP 1728, 2RP 2251

Mr. Bratcher:

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

Background Information:

The first release occurred when the oil production tank developed a hole in the bottom of the tank. The tank was taken out of service to be repaired and coated. Approximately 900 sq. ft. of the tank battery earthen containment area was affected by the release. The second release occurred when the water production tank overflowed due to a contract trucking company failed to haul water from the facility. Nearly the entire area inside the earthen containment was impacted by both releases. The containment area measures approximately 2,700 sq. ft. The tank battery will be dismantled and a new 0 perm containment will be constructed on the well pad area. The tanks will be placed in the new containment and the old tank battery location will be cleaned up.

Remediation Activities:

EPI personnel mobilized on the site on November 3, 2014 to collect soil samples via excavator to determine the vertical extent of contamination. A total of fourteen (14) soil samples were collected from two (2) sample locations. On November 10, 2014 seven (7) additional deeper soil samples were collected from the sample points. On November 25, 2014 three additional deeper samples were collected from SP1; all samples were sent to Cardinal Labs in Hobbs, New Mexico, for testing. Laboratory analytical results indicate the excavation is void of Benzene, BTEX, and TPH concentrations in excess of NMOCD Recommended Remedial Action Levels (RRALs) of 10 mg/Kg, 50 mg/Kg, and 5,000 mg/Kg, respectively. Laboratory results indicate Chloride concentrations do not exceed NMOCD RRALs of 1,000 mg/Kg in the area of SP2, however, in the area of SP1 Chloride concentrations exceed NMOCD RRALs to a depth of twenty-three (23) feet bgs (reference *Figure 3* and *Table 2*).

The release area was excavated to a depth of five (5) foot bgs with approximately 2,141 cubic yards of contaminated soil excavated and hauled to a state approved facility for disposal.



Closure Activities:

The excavation was backfilled with approximately 2,141 cubic yards of clean soil free of rocks, clumps or deleterious material. The entire disturbed area was then contoured to blend with existing pasture area and protected against wind/water erosion. On December 10, 2014 the area was seeded with an approved seed mix 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

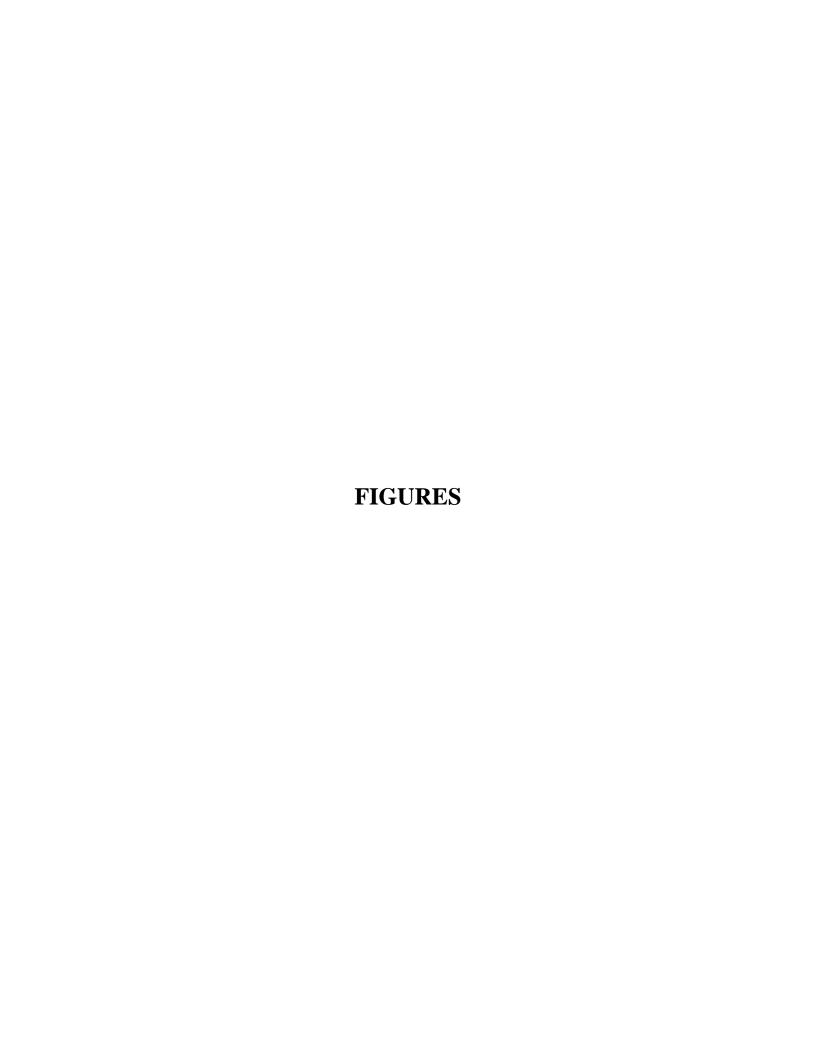
Figure 2 – Site Location Map Figure 3 – Site/Sample Map

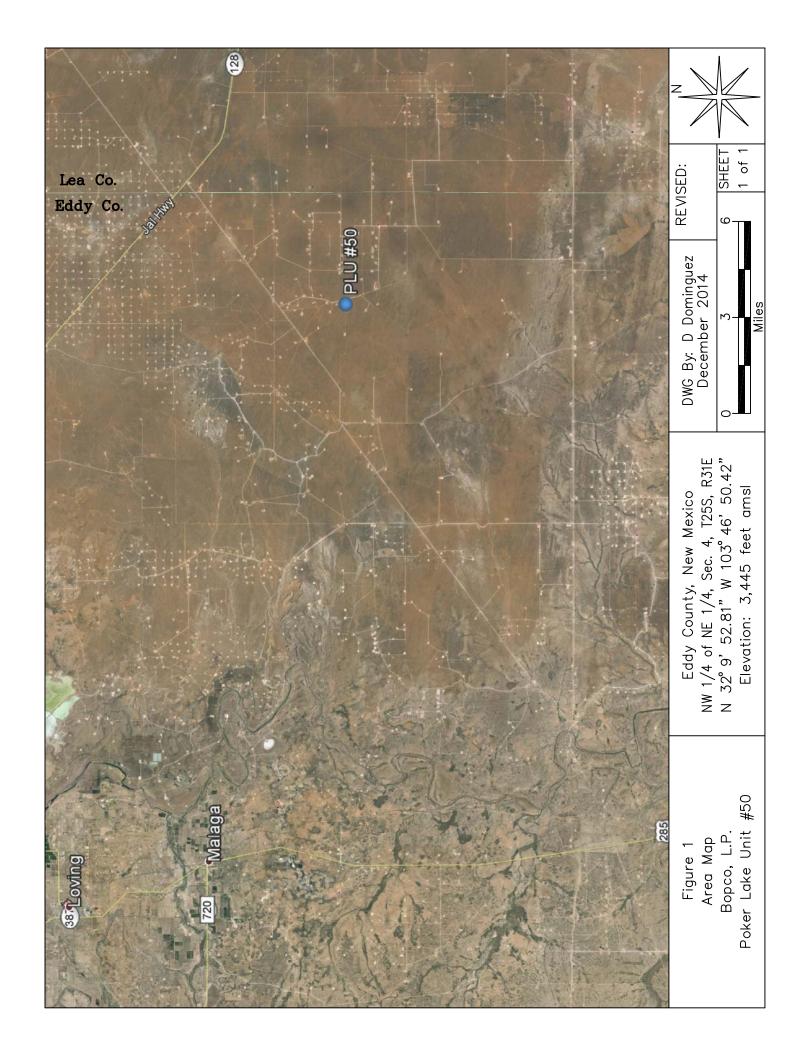
Table 2 – Summary of Soil Sample Field Testing and Laboratory Analytical Results

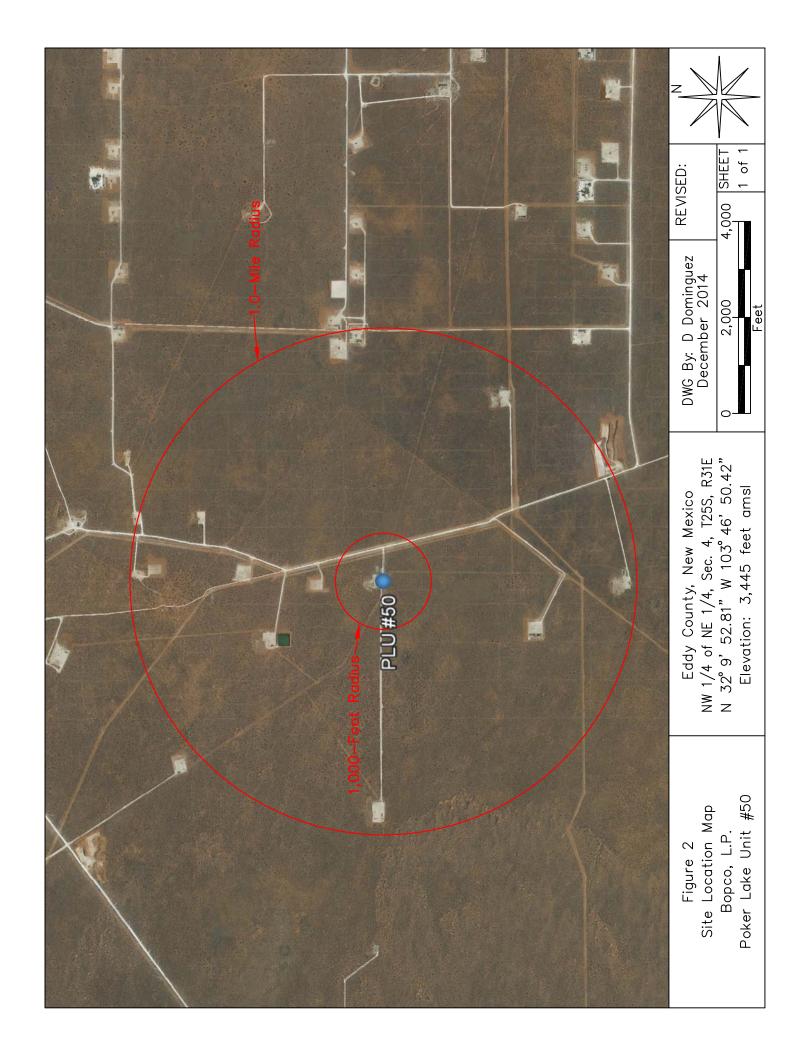
Attachment I – Photographs

Attachment II – Laboratory Analytical Results

Attachment III – Copy of Initial NMOCD Form C-141's, Final C-141







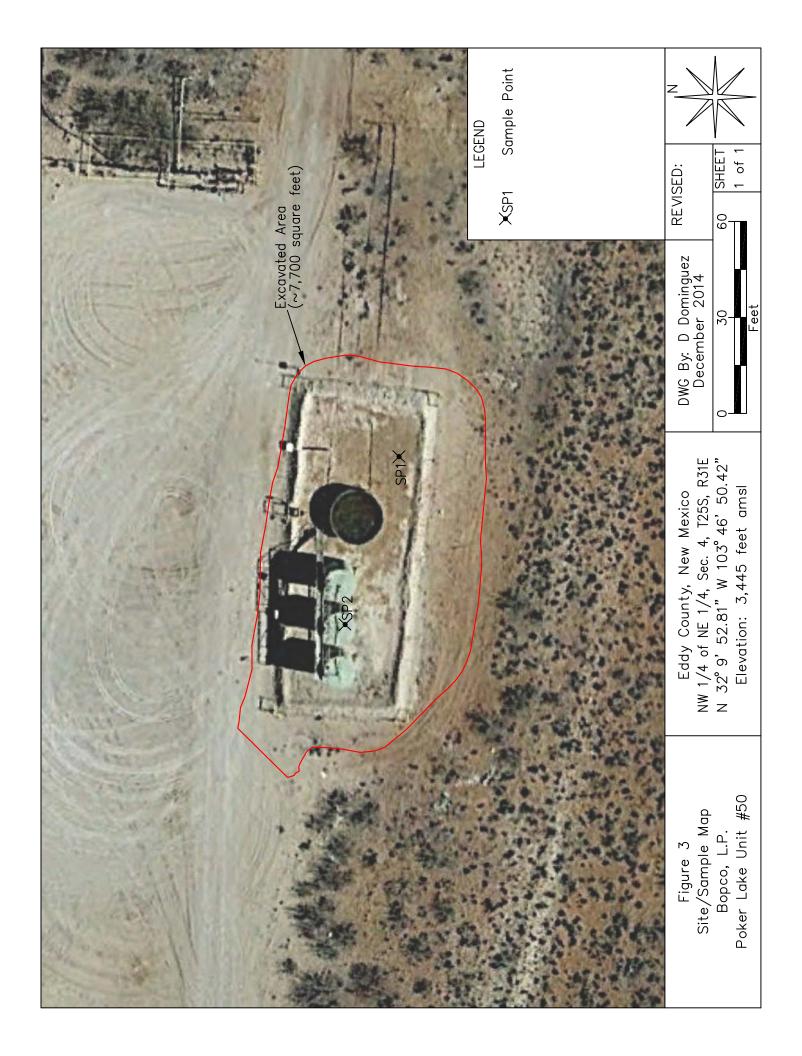




TABLE 2
Summary of Soil Sample Field Testing and Laboratory Analytical Results
Bopco L.P.
Poker Lake Unit #50

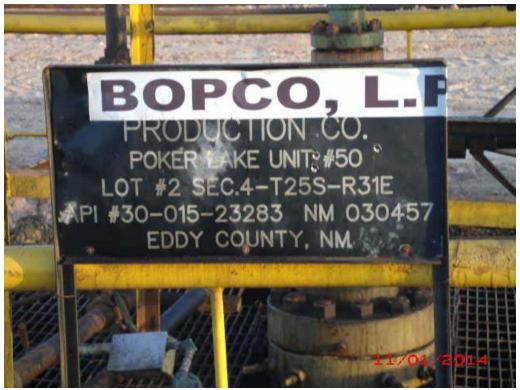
				UID	Held				Total	Total	Oab	Ogu	EXT	Total	
Lab Sample ID	Depth (feet)	Soil Status Sample	Sample Date	Reading (ppm)	Chloride (mg/Kg)	Benzene (mg/Kg)	Toluene (mg/Kg)	Ethylbenzene (mg/Kg)	× 0	BTEX (mg/Kg)	C6-C10 (mg/Kg)	C10-C28 (mg/Kg)	DRO C28-C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
	Surface	Surface Excavated	03-Nov-14	1,802	I	1	1	1	ı	ı	1	1	I	1	1
	1	Excavated	03-Nov-14	2,022	ı	1	1	1	ı	1	:	1	ı	-	-
	3	Excavated	03-Nov-14	2,276	-	1	-	-	1	-	1	-	ı	-	1
	5	Excavated	03-Nov-14	1,077	1,000	-	-		-			-	-		
	7	In Situ	03-Nov-14	495	1,400	<0.050	0608.0	0.272	76.7	50.6	313	1,640	74.5	2,028	1,660
	6	In Situ	03-Nov-14	92.5	2,400	1	1	1	ı	ı	:	1	I	-	:
	11	In Situ	03-Nov-14	135	1,600	<0.050	<0.050	<0.050	0.424	0.424	28.4	441	17.5	486.9	2,000
Ę	13	In Situ	03-Nov-14	170	1,400	1	1	1	I	ı	:	ŀ	I	-	:
Jr.	15	In Situ	03-Nov-14	6	1,840	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	2,160
	17	In Situ	03-Nov-14	110	1,740	1	1	1	ı	ı	-	1	ı	-	1
	18	In Situ	10-Nov-14	972	150	1	1	1	ı	ı	1	1	I	1	1
	20	In Situ	10-Nov-14	17.4	1,480	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	1,500
	22	In Situ	10-Nov-14	65.7	1,440	1	1	1	ı	1	-	1	I		:
	23	In Situ	25-Nov-14	39.6	1,040	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	31.7	<10.0	31.7	1,360
	26	In Situ	25-Nov-14	37.6	800	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	848
	27	In Situ	25-Nov-14	38.8	995	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	560
	Surface	Surface Excavated	03-Nov-14	105	-	1	1	1	ı	1	-	1	ı	-	1
	1	Excavated	03-Nov-14	950		1	1	-	1	1		-	ı		-
	3	Excavated	03-Nov-14	1,898	1	1	1	1	ı	1	-	1	ı	-	1
CDS	5	Excavated	03-Nov-14	2,150	400	1	1	-	-	-		-	ı		-
1	7	In Situ	10-Nov-14	37.1	560	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	608
	6	In Situ	10-Nov-14	184	480	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	368
	11	In Situ	10-Nov-14	99	320	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	21.5	<10.0	21.5	208
	13	In Situ	10-Nov-14	6.6	240	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<30.0	192
NMOCD	Recomm L	NMOCD Recommended Remedial Acti Levels	dial Action	100		10				09				5,000	1,000
= Not Analyzed															

--- = Not Analyzed

Bold values are in excess of NMOCD Recommended Remedial Action Levels
Shaded values indicates soil has been excavated



ATTACHMENT I Photographs



Photograph #1 – Lease sign



Photograph #2 – Area after tank battery removal



Photograph #3 – Area after tank battery removal



Photograph #4 – Excavated area



Photograph #5 – Excavated area



Photograph #6 – Excavated area



Photograph #7 – Backfilled area



Photograph #8 – Backfilled area



Photograph #9 – Reseeded



Photograph #10 – Watered

ATTACHMENT II Laboratory Analytical Results



November 13, 2014

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: PLU #50

Enclosed are the results of analyses for samples received by the laboratory on 11/11/14 8:52.

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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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)

Celey D. Keine

Accreditation applies to public drinking water matrices.

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Fax To: (505) 394-2601

Received: 11/11/2014

Reported: 11/13/2014

Project Name: PLU #50
Project Number: NONE GIVEN

Project Location: UL-B SEC.4, T25S, R31E

Sampling Date: 11/03/2014

Sampling Type: Soil

Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 (7') (H403447-01)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/12/2014	ND	1.80	90.1	2.00	5.78	
Toluene*	0.809	0.200	11/12/2014	ND	1.71	85.5	2.00	6.87	
Ethylbenzene*	0.272	0.200	11/12/2014	ND	1.65	82.7	2.00	9.28	
Total Xylenes*	7.97	0.600	11/12/2014	ND	4.94	82.3	6.00	9.77	
Total BTEX	9.05	1.20	11/12/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	103	% 61-154	!						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1660	16.0	11/12/2014	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	313	10.0	11/11/2014	ND	186	93.2	200	4.80	
DRO >C10-C28	1640	10.0	11/11/2014	ND	193	96.4	200	6.00	
EXT DRO >C28-C35	74.5	10.0	11/11/2014	ND					
Surrogate: 1-Chlorooctane	164	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	127	% 52.1-17	6						

Cardinal Laboratories *=Accredited Analyte

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

Fax To: (505) 394-2601

Received: 11/11/2014 Sampling Date: 11/03/2014

Reported: 11/13/2014 Sampling Type: Soil

UL-B SEC.4, T25S, R31E

Project Name: PLU #50 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Sample ID: SP 1 (11') (H403447-02)

Project Location:

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2014	ND	1.80	90.1	2.00	5.78	
Toluene*	<0.050	0.050	11/12/2014	ND	1.71	85.5	2.00	6.87	
Ethylbenzene*	<0.050	0.050	11/12/2014	ND	1.65	82.7	2.00	9.28	
Total Xylenes*	0.424	0.150	11/12/2014	ND	4.94	82.3	6.00	9.77	
Total BTEX	0.424	0.300	11/12/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	11/12/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	28.4	10.0	11/12/2014	ND	188	93.9	200	0.555	
DRO >C10-C28	441	10.0	11/12/2014	ND	196	98.2	200	2.55	
EXT DRO >C28-C35	17.5	10.0	11/12/2014	ND					
Surrogate: 1-Chlorooctane	119 %	6 47.2-15	7						
	121.0								

Surrogate: 1-Chlorooctadecane 121 % 52.1-176

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

Fax To: (505) 394-2601

Received: 11/11/2014 Sampling Date: 11/03/2014

Reported: 11/13/2014 Sampling Type: Soil

Project Name: PLU #50 Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: UL-B SEC.4, T25S, R31E

Sample ID: SP 1 (15') (H403447-03)

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2014	ND	1.80	90.1	2.00	5.78	
Toluene*	<0.050	0.050	11/12/2014	ND	1.71	85.5	2.00	6.87	
Ethylbenzene*	<0.050	0.050	11/12/2014	ND	1.65	82.7	2.00	9.28	
Total Xylenes*	<0.150	0.150	11/12/2014	ND	4.94	82.3	6.00	9.77	
Total BTEX	<0.300	0.300	11/12/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	100 9	61-154	!						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	11/12/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/12/2014	ND	188	93.9	200	0.555	
DRO >C10-C28	<10.0	10.0	11/12/2014	ND	196	98.2	200	2.55	
EXT DRO >C28-C35	<10.0	10.0	11/12/2014	ND					
Surrogate: 1-Chlorooctane	108 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	115 9	6 52.1-17	6						

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

Fax To: (505) 394-2601

Received: 11/11/2014 Sampling Date: 11/10/2014

Reported: 11/13/2014 Sampling Type: Soil

UL-B SEC.4, T25S, R31E

Project Name: PLU #50 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Sample ID: SP 1 (20') (H403447-04)

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2014	ND	1.80	90.1	2.00	5.78	
Toluene*	<0.050	0.050	11/12/2014	ND	1.71	85.5	2.00	6.87	
Ethylbenzene*	<0.050	0.050	11/12/2014	ND	1.65	82.7	2.00	9.28	
Total Xylenes*	<0.150	0.150	11/12/2014	ND	4.94	82.3	6.00	9.77	
Total BTEX	<0.300	0.300	11/12/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 61-154	1						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1500	16.0	11/12/2014	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/12/2014	ND	188	93.9	200	0.555	
DRO >C10-C28	<10.0	10.0	11/12/2014	ND	196	98.2	200	2.55	
EXT DRO >C28-C35	<10.0	10.0	11/12/2014	ND					
Surrogate: 1-Chlorooctane	110 9	% 47.2-15	7						
Commenter 1 Chlorida de deservi	117	2/ 52.1.15	16						

Surrogate: 1-Chlorooctadecane 117 % 52.1-176

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

Fax To: (505) 394-2601

Received: 11/11/2014 Sampling Date: 11/10/2014

Reported: 11/13/2014 Sampling Type: Soil

UL-B SEC.4, T25S, R31E

Project Name: PLU #50 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Sample ID: SP 2 (7') (H403447-05)

Project Location:

BTEX 8021B	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2014	ND	1.80	90.1	2.00	5.78	
Toluene*	<0.050	0.050	11/12/2014	ND	1.71	85.5	2.00	6.87	
Ethylbenzene*	<0.050	0.050	11/12/2014	ND	1.65	82.7	2.00	9.28	
Total Xylenes*	<0.150	0.150	11/12/2014	ND	4.94	82.3	6.00	9.77	
Total BTEX	<0.300	0.300	11/12/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.9	% 61-154	!						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/12/2014	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/12/2014	ND	188	93.9	200	0.555	
DRO >C10-C28	<10.0	10.0	11/12/2014	ND	196	98.2	200	2.55	
EXT DRO >C28-C35	<10.0	10.0	11/12/2014	ND					
Surrogate: 1-Chlorooctane	107 :	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	114 9	% 52.1-17	6						

Cardinal Laboratories *=Accredited Analyte

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

Fax To: (505) 394-2601

Received: 11/11/2014 Sampling Date: 11/10/2014

Reported: 11/13/2014 Sampling Type: Soil

Project Name: PLU #50 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: UL-B SEC.4, T25S, R31E

Sample ID: SP 2 (9') (H403447-06)

BTEX 8021B	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2014	ND	1.80	90.1	2.00	5.78	
Toluene*	<0.050	0.050	11/12/2014	ND	1.71	85.5	2.00	6.87	
Ethylbenzene*	<0.050	0.050	11/12/2014	ND	1.65	82.7	2.00	9.28	
Total Xylenes*	<0.150	0.150	11/12/2014	ND	4.94	82.3	6.00	9.77	
Total BTEX	<0.300	0.300	11/12/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 61-154	!						
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	11/12/2014	ND	400	100	400	3.92	
TPH 8015M	mg	/kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/12/2014	ND	188	93.9	200	0.555	
DRO >C10-C28	<10.0	10.0	11/12/2014	ND	196	98.2	200	2.55	
EXT DRO >C28-C35	<10.0	10.0	11/12/2014	ND					
Surrogate: 1-Chlorooctane	105	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	114	% 52.1-17	6						

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

Fax To: (505) 394-2601

Received: 11/11/2014 Sampling Date: 11/10/2014

Reported: Sampling Type: Soil 11/13/2014

Project Name: PLU #50 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: UL-B SEC.4, T25S, R31E

Sample ID: SP 2 (11') (H403447-07)

BTEX 8021B	mg/	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2014	ND	1.80	90.1	2.00	5.78	
Toluene*	<0.050	0.050	11/12/2014	ND	1.71	85.5	2.00	6.87	
Ethylbenzene*	<0.050	0.050	11/12/2014	ND	1.65	82.7	2.00	9.28	
Total Xylenes*	<0.150	0.150	11/12/2014	ND	4.94	82.3	6.00	9.77	
Total BTEX	<0.300	0.300	11/12/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.8	% 61-154	!						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	11/12/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	/kg	Analyze	ed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/12/2014	ND	188	93.9	200	0.555	
DRO >C10-C28	21.5	10.0	11/12/2014	ND	196	98.2	200	2.55	
EXT DRO >C28-C35	<10.0	10.0	11/12/2014	ND					
Surrogate: 1-Chlorooctane	108 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	115 9	% 52.1-17	6						

Surrogate: 1-Chlorooctadecane

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

Fax To: (505) 394-2601

Received: 11/11/2014 Sampling Date: 11/10/2014

Reported: 11/13/2014 Sampling Type: Soil

UL-B SEC.4, T25S, R31E

114 %

52.1-176

Project Name: PLU #50 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Sample ID: SP 2 (13') (H403447-08)

Project Location:

Surrogate: 1-Chlorooctadecane

BTEX 8021B	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/12/2014	ND	1.80	90.1	2.00	5.78	
Toluene*	< 0.050	0.050	11/12/2014	ND	1.71	85.5	2.00	6.87	
Ethylbenzene*	< 0.050	0.050	11/12/2014	ND	1.65	82.7	2.00	9.28	
Total Xylenes*	<0.150	0.150	11/12/2014	ND	4.94	82.3	6.00	9.77	
Total BTEX	<0.300	0.300	11/12/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.8 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/12/2014	ND	400	100	400	3.92	
TPH 8015M	mg/	kg	Analyze	d By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/12/2014	ND	188	93.9	200	0.555	
DRO >C10-C28	<10.0	10.0	11/12/2014	ND	196	98.2	200	2.55	
EXT DRO >C28-C35	<10.0	10.0	11/12/2014	ND					
Surrogate: 1-Chlorooctane	107 %	6 47.2-15	7						

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Notes and Definitions

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Chain of Custody Form Page 11 of 11

LAB

Cardinal

Environmental Plus, Inc.

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

P.O. Box 1558, Eunice, NM 88231

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	EST	REQUEST	SRE	ANALYSIS	NAL	A				0	BIII To	8								9	, In	Environmental Plus, Inc.	Ф	Company Name	0
P																						(575) 394-2601	FAX:	(575) 394-3481 FAX: (575) 394-2601	-



December 03, 2014

Daniel Dominguez

Environmental Plus, Inc.

P.O. Box 1558

Eunice, NM 88231

RE: PLU #50

Enclosed are the results of analyses for samples received by the laboratory on 11/25/14 16:01.

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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Fax To: (505) 394-2601

Received: 11/25/2014 Sampling Date: 11/25/2014

Reported: 12/03/2014 Sampling Type: Soil

Project Name: PLU #50 Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: UL-B SEC.4, T25S, R31E

Sample ID: SP 1 (23') (H403635-01)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2014	ND	1.81	90.6	2.00	6.72	
Toluene*	<0.050	0.050	12/02/2014	ND	1.78	88.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	12/02/2014	ND	1.69	84.5	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/02/2014	ND	5.17	86.2	6.00	5.86	
Total BTEX	<0.300	0.300	12/02/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	101	% 61-154	!						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	11/26/2014	ND	400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/26/2014	ND	219	110	200	0.143	
DRO >C10-C28	31.7	10.0	11/26/2014	ND	217	108	200	2.32	
EXT DRO >C28-C35	<10.0	10.0	11/26/2014	ND					
Surrogate: 1-Chlorooctane	120	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	126	% 52.1-17	6						

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Fax To: (505) 394-2601

Received: 11/25/2014 Sampling Date: 11/25/2014

Reported: 12/03/2014 Sampling Type: Soil
Project Name: PLU #50 Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Kathy Perez

Project Location: UL-B SEC.4, T25S, R31E

Sample ID: SP 1 (26') (H403635-02)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/02/2014	ND 1.81		90.6	2.00	6.72	
Toluene*	<0.050	0.050	12/02/2014	ND	1.78	88.8	2.00	5.93	
Ethylbenzene*	<0.050	0.050	12/02/2014	ND	1.69	84.5	2.00	5.43	
Total Xylenes*	<0.150	0.150	12/02/2014	ND	ND 5.17		6.00	5.86	
Total BTEX	<0.300	0.300	12/02/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	99.2	% 61-154	!						
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	16.0 11/26/2014		400	100	400	3.92	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/26/2014	ND	219	110	200	0.143	
DRO >C10-C28	<10.0	10.0	11/26/2014	ND	217	108	200	2.32	
EXT DRO >C28-C35	<10.0	10.0	11/26/2014	ND					
Surrogate: 1-Chlorooctane	124	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	132	% 52.1-17	6						

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

Fax To: (505) 394-2601

Received: 11/25/2014 Sampling Date: 11/25/2014

Reported: 12/03/2014 Sampling Type: Soil

Project Name: PLU #50 Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Kathy Perez

Project Location: UL-B SEC.4, T25S, R31E

Sample ID: SP 1 (27') (H403635-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/02/2014	ND	1.81	90.6	2.00	6.72		
Toluene*	<0.050	0.050	12/02/2014	ND	1.78	88.8	2.00	5.93		
Ethylbenzene*	<0.050	0.050	12/02/2014	ND	1.69	84.5	2.00	5.43		
Total Xylenes*	<0.150	0.150	12/02/2014	ND	5.17	86.2	6.00	5.86		
Total BTEX	<0.300	0.300	12/02/2014	ND						
Surrogate: 4-Bromofluorobenzene (PID	98.6	% 61-154	!							
Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	5.0 11/26/2014 ND		400	100	400	3.92		
TPH 8015M	mg/	kg	Analyze	d By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	11/27/2014	ND	219	110	200	0.143		
DRO >C10-C28	<10.0	10.0	11/27/2014	ND	217	108	200	2.32		
EXT DRO >C28-C35	<10.0	10.0	11/27/2014	ND						
Surrogate: 1-Chlorooctane	120 9	% 47.2-15	7							
Surrogate: 1-Chlorooctadecane	128 9	% 52.1-17	6							

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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

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Celeg D. Freene

Page 1 of 1

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 6 of Custody Form Page 6

	Delivered by:	Demonstrated by:	7	Sampler Rejjagjishad:	10	9	8	7	6	5	4	3 SP1 (27')	2 SP1 (26')	I SP1	LAB I.D.		EPI Sampler Name	Project Reference	Location	Facility Name	Client Company	EPI Phone#/Fax#	City, State, Zip	Mailing Address	EPI Project Manager	Company Name	(010) 007 0701 170				
104	Sample Cool & Intact	Time 4 b Sm	11/6/2/2	Date, 1								(27')	(26')	SP1 (23')	SAMPLE I.D.		David Robinson	David Robinson	David Robinson	David Robinson	David Robinson		UL- B Sec. 4, T25S, R31E	PLU #50	BOPCO	575-394-3481 / 575-394-2601	Eunice New Mexico 88231	P.O. BOX 1558	r Daniel Dominguez	Environmental Plus, Inc.	177. (010) 334-2001
	Cool	Received By		Received B				I	1	\forall		ଜ	G	G	(G)RAB OR (C)OM	P.	11		, R3			394	88			s, In					
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			E-mail results to: ddomin NOTES:									25-Nov-14	25-Nov-14	25-Nov-14	DATE	SAMPLING			Carisbad, NM 88220	522 W. Mermod, Suite 704	Attn: Brad Blevins	BOPCO, L.P.				To O					
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ATTACHMENT III Copy of Initial NMOCD Form C-141's 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

RECEIVED State of New Mexico Energy Minerals and Natural Resources L 1 5 2013

Form C-141 Revised August 8, 2011

Oil Conservation Division MOCD ANTESDAY to appropriate District Office in accordance with 19.15.29 NMAC. 1220 South St. Francis Dr.

Santa Fe, NM 87505

Release Notification and Corrective Action														
WMLn	131975			OPERA		Final Report								
Name of Co		e0737		Contact: Tony Savoie										
				oad, N.M. 88220		Telephone No. 575-887-7329								
Facility Nan	ne: PLU-30	U Tank Batte	ry and w	/ell		Facility Type: Exploration and Production								
Surface Ow	ner: Federa	al		Mineral O	wner: I	Federal			API No	. 30-015-2	3283			
				LOCA	TION	OF REI	LEASE							
Unit Letter B	Section 4	Township 25S	Range 31E	Feet from the	North/	n/South Line Feet from the I		East/West Line		County Eddy				
				Latitude N 32.1	649 <u>30</u>	_ Longitud	e <u>W 103.78063</u>	<u>0</u>						
				NAT	URE	OF REL								
Type of Relea	ase: Crude o	oil and produc	ed water			Volume of 12 bbls wa	Release: 1 bbl oi	l and	Volume R	tecovered: r	ione			
Source of Re	lease: Oil pr	oduction tank			<u> </u>	Date and F	our of Occurrenc	e		Hour of Dis	covery			
Was Immedia	ta Notice C	ivan?	-			7/3/13 time			7/3/13 at	11:00 a.m.				
was minicula	ite Notice O		Yes [No Not Re	quired	11 163, 10	WHOIII:							
By Whom?						Date and I-								
Was a Watero	course Reac	hed?	Yes 🗵	1 No		If YES, Vo	lume Impacting t	he Wa	tercourse.					
IC - W.+														
If a Watercou	rse was imp	bacted, Descri	be Fully.	r										
			lial Actio	n Taken.* The oil	product	ion tank deve	loped a hole in th	ne botte	om of the tan	k. The tank	was tak	en out of		
service to be	repaired and	i coated.		•										
		ind Cleanup A										-		
				then containment a the NMOCD and			he release.							
					_									
				is true and completed is true and completed in its interest in the certain results in its interest in its inte										
public health	or the envir	onment. The	acceptano	ce of a C-141 repor	rt by the	NMOCD m	arked as "Final R	eport"	does not reli	ieve the ope	rator of	liability		
				investigate and re stance of a C-141 r										
federal, state,					cport di		— —	Cspon		omphanee v	vitil ally	other		
		\sim					OIL CON:	SER'	VATION	DIVISIO	<u>)N</u>			
Signature:	ion	Dam	eu u							11 .				
Printed Name	Printed Name: Tony Savoie Approved by Environmental Specialist By Mily Brancher										# <u></u>			
											•			
Title: Waste !	Managemen	t and Remedia	ation Spe	cialist	/ /	Approval Dai	e:		Expiration	Date:				
E-mail Address: tasavoie@basspet.com Conditions of Approval:														
Remediation per OCD Rule & Guidelines, &														
Date: 7/14/1 Attach Addit		ts If Necess		one: 432-556-87 <u>30</u>	_ like		BLM. <u>SUBMIT F</u> SAL NO LAT <u>ER T</u>			201	7	1700		
- 			,		A	US US	+ 16,21	213	5	LIN		ープク		
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<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 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**

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

Form C-141 Revised August 8, 2011

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

Release Notification and Corrective Action														
nHMP	14101	2728		OPERATOR Initial Report Final Re										
Name of Co	ompany: B	OPCO, L.P.		260737		Contact: Tony Savoie								
				oad, N.M. 88220			No. 575-887-732							
Facility Na	me: PLU-5	0 Tank Batt	ery and v	vell		Facility Typ	e: Exploration a	and Prod	uction					
Surface Ow	ner: Feder	al	wner:	Federal			API No	0. 30-015-2	3283					
				LOCA	TIOI	N OF REI	LEASE							
Unit Letter	Init Letter Section Township Range Feet from the N						Feet from the 1980	East/We East		County				
В	4	25S	31E	660	No	rtn	1980	East		Eddy				
Latitude <u>N 32.164930</u> Longitude <u>W 103.780630</u>														
NATURE OF RELEASE														
Type of Rele							Release: 10 bbls			Recovered: n Hour of Dis				
Source of Re	lease: water	r storage tank				3/27/14 tim	lour of Occurrenc ne unknown			t 2:05 p.m.	covery			
Was Immedi	ate Notice C		Yes [No □ Not Re	quired	If YES, To The NMOO	Whom? CD emergency #1	04						
By Whom? 1							our: 3/27/14 at 3:							
Was a Watercourse Reached? ☐ Yes ☒ No							lume Impacting the	RECEIVED						
If a Watercourse was Impacted, Describe Fully.*										APR 0	9 2014	1		
									N	MOCD A	ARTE	SIA		
Describe Cau from the facil		em and Remed	dial Action	Taken.* The wat	er prodi	uction tank ov	verflowed due to a	contract	trucking	company fa	iled to h	aul water		
Danilla Ana	- A CC4-d -	d C1 A		*										
Describe Are Nearly the en				en.* nent was impacted	by this	release and a	prior release on	7/3/13. Re	eference 2	2RP-1728. T	he conta	ainment		
area measure	s approxima	tely 2700 sq.1	ft. The tan	k battery will be d	ismantle	ed and a new	0 perm containme							
				the old tank batter the NMOCD and			aned up.							
I hereby certi	fy that the ir	nformation give	ven above	is true and comple	ete to th	e best of my l	knowledge and ur	nderstand	that purs	uant to NMO	OCD rul	es and		
regulations al	l operators a	are required to	report an	d/or file certain re	lease no	tifications an	d perform correct	ive action	s for rele	eases which	may end	langer		
				e of a C-141 repor investigate and re										
				ance of a C-141 re										
federal, state,	or local law	s and/or regu	lations.						TION I	DW WOLO				
_		\circ				OIL CONS	ERVA	TION	DIVISIO	<u>N</u>				
Signature: Dy Danie														
Printed Name	: Tony Savo	oie			Α	Approved by E	Environmental Sp	ecialist:	H	S.		_		
							Approval Date: 4/11/14 Expiration Date: NA							
E-mail Addres	ss: tasavoie(@basspet.com	1		c	Conditions of Approval: Attached								
Date: 4/9/14			Phone	: 432-556-8730	1	Remedia	tion per OCD	Rule &			_			
Attach Addit	ional Sheet	s If Necessa			_ (BRODGE	SUBMIT REMI	EDIATIO)N	ZRP-	-27,	51		

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico Energy Minerals and Natural Resources

Revised August 8, 2011

Form C-141

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 Notificatio	n and Corrective Actio	n							
	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	8	⁵ q н.						
Facility Name: PLU-50 Tank Battery and well; 2RP #'s 1728 and 2251	Facility Type: Exploration and Production								
Surface Owner: Federal Mineral Owne	r: Federal	API No.	30-015-23283						
LOCATIO	N OF RELEASE								
Unit Letter Section Township Range Feet from the Not 25S 31E 660	rth/South Line Feet from the North 1980	ast/West Line East	County Eddy						
	COF RELEASE								
Type of Release: produced water	Volume of Release: 10 bbls wat	er Volume Re	covered: none						
Source of Release: Water storage tank	Date and Hour of Occurrence: 3/27/14 @ unknown		our of Discovery: approx. 2:05 pm						
Was Immediate Notice Given? ☐ Yes ☐ No ☐ Not Require	If YES, To Whom? The NMOCD emergency #104								
By Whom? Tony Savoie	Date and Hour: 3/27/14 @ 3:00 pm								
Was a Watercourse Reached? ☐ Yes ☒ 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 water production tank overflowed due to a contract trucking comp	any failed to haul water from the faci	lity							
Describe Area Affected and Cleanup Action Taken.* Nearly the entire on 7/3/13. Reference 2RP-1728. The containment area measures approcontainment has been constructed on the well pad area. The tanks were up. Soil samples were collected, analyzed and based on laboratory anal state approved disposal facility. The excavation has been backfilled with BLM remediation guidelines. I hereby certify that the information given above is true and complete tregulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by should their operations have failed to adequately investigate and remed or the environment. In addition, NMOCD acceptance of a C-141 report for the control of t	ximately 2,700 sq. ft. The tank batter placed in the new containment and the ytical results the release area has been the clean soil. The area has been remed to the best of my knowledge and under notifications and perform corrective the NMOCD marked as "Final Repolitate contamination that pose a threat	y has been disma he old tank batter n excavated and of diated in accordant erstand that pursu e actions for releart" does not relie to ground water,	ntled and a new 0 perm y location has been cleaned contaminated soil hauled to a nce with the NMOCD and ant to NMOCD rules and uses which may endanger we the operator of liability surface water, human health						
federal, state, or local laws and/or regulations.	OIL CONSERVATION DIVISION								
Signature: Bradley Blown	OIL CONSE	KVAHONI	ZI VIOIOIN						
Printed Name: Bradley Blevins	Approved by Environmental Spec	ialist:							
Title: Assistant Remediation Foreman	Approval Date: Expiration Date:								
E-mail Address: bblevins@basspet.com Phone: 432-214-3704	Conditions of Approval:								

^{*} Attach Additional Sheets If Necessary