



September 30, 2016

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

RE: PLU BS #026H

Enclosed are the results of analyses for samples received by the laboratory on 09/23/16 15:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	09/23/2016	Sampling Date:	09/21/2016
Reported:	09/30/2016	Sampling Type:	Soil
Project Name:	PLU BS #026H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-A, SEC. 23, T24S, R30E		

Sample ID: SP 1 (SURFACE) (H602148-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2016	ND	2.36	118	2.00	0.517	
Toluene*	<0.050	0.050	09/28/2016	ND	2.38	119	2.00	0.555	
Ethylbenzene*	0.071	0.050	09/28/2016	ND	2.29	115	2.00	0.235	
Total Xylenes*	0.239	0.150	09/28/2016	ND	6.88	115	6.00	0.240	
Total BTEX	0.311	0.300	09/28/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2800	16.0	09/29/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	12.0	10.0	09/26/2016	ND	193	96.3	200	6.67	
DRO >C10-C28	2920	10.0	09/26/2016	ND	201	101	200	7.21	
EXT DRO >C28-C35	740	10.0	09/26/2016	ND					

Surrogate: 1-Chlorooctane 82.4 % 35-147

Surrogate: 1-Chlorooctadecane 156 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Received:	09/23/2016	Sampling Date:	09/21/2016
Reported:	09/30/2016	Sampling Type:	Soil
Project Name:	PLU BS #026H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-A, SEC. 23, T24S, R30E		

Sample ID: SP 1 (1') (H602148-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2016	ND	2.36	118	2.00	0.517	
Toluene*	<0.050	0.050	09/28/2016	ND	2.38	119	2.00	0.555	
Ethylbenzene*	0.076	0.050	09/28/2016	ND	2.29	115	2.00	0.235	
Total Xylenes*	0.326	0.150	09/28/2016	ND	6.88	115	6.00	0.240	
Total BTEX	0.402	0.300	09/28/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	816	16.0	09/29/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/26/2016	ND	193	96.3	200	6.67	
DRO >C10-C28	217	10.0	09/26/2016	ND	201	101	200	7.21	
EXT DRO >C28-C35	74.4	10.0	09/26/2016	ND					

Surrogate: 1-Chlorooctane 84.1 % 35-147

Surrogate: 1-Chlorooctadecane 95.8 % 28-171

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* = Accredited Analyte

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Received:	09/23/2016	Sampling Date:	09/21/2016
Reported:	09/30/2016	Sampling Type:	Soil
Project Name:	PLU BS #026H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-A, SEC. 23, T24S, R30E		

Sample ID: SP 1 (2') (H602148-03)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/28/2016	ND	2.36	118	2.00	0.517	
Toluene*	<0.050	0.050	09/28/2016	ND	2.38	119	2.00	0.555	
Ethylbenzene*	<0.050	0.050	09/28/2016	ND	2.29	115	2.00	0.235	
Total Xylenes*	<0.150	0.150	09/28/2016	ND	6.88	115	6.00	0.240	
Total BTEX	<0.300	0.300	09/28/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/29/2016	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/26/2016	ND	193	96.3	200	6.67	
DRO >C10-C28	58.5	10.0	09/26/2016	ND	201	101	200	7.21	
EXT DRO >C28-C35	19.2	10.0	09/26/2016	ND					

Surrogate: 1-Chlorooctane 89.2 % 35-147

Surrogate: 1-Chlorooctadecane 103 % 28-171

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM450Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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*=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

LAB **Cardinal**

Chain of Custody Form

Company Name	Environmental Plus, Inc.	Bill To	BOPCO, L.P. Attn: Brad Blevins 522 W. Mermod, Suite 704 Carlsbad, NM 88220		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 BS #026H				
Location	UL-A Sec. 23, T24S, R30E				
AFE#					
EPI Sampler Name	Dustin Crockett				

LAB I.D.	SAMPLE I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							PRESERV.		SAMPLING		BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ⁼)	pH	TCLP	OTHER >>>	PAH
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:	ACID/BASE	ICE/COOL	OTHER	DATE	TIME								
HL602148			1			X							21-Sep-16	9:15	X	X	X					
			2			X							21-Sep-16	9:17	X	X	X					
			3			X							21-Sep-16	9:19	X	X	X					
			4																			
			5																			
			6																			
			7																			
			8																			
			9																			
			10																			

Sampler Relinquished:	Date	9/22/16	Received By:	
Relinquished by:	Time	6:00 am	Received by: (lab staff)	
	Date	9/23/16		
	Time	3:30 pm		
Delivered by:	Sample Ctdl & Intact	Yes	Checked By:	

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