



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

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". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

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
Reported: 09/30/2016
Project Name: PLU BS #026H
Project Number: NONE GIVEN
Project Location: UL-A, SEC. 23, T24S, R30E

Sampling Date: 09/21/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTX 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 BTX	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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Celey D. Keene, Lab Director/Quality Manager

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

Received: 09/23/2016
Reported: 09/30/2016
Project Name: PLU BS #026H
Project Number: NONE GIVEN
Project Location: UL-A, SEC. 23, T24S, R30E

Sampling Date: 09/21/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTX 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 BTX	0.402	0.300	09/28/2016	ND					

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

Chloride, SM4500CI-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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Analytical Results For:

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

Received: 09/23/2016
Reported: 09/30/2016
Project Name: PLU BS #026H
Project Number: NONE GIVEN
Project Location: UL-A, SEC. 23, T24S, R30E

Sampling Date: 09/21/2016
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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

BTX 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 BTX	<0.300	0.300	09/28/2016	ND					

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

Chloride, SM4500CI-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 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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*=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 BS #026H			
Location	UL-A Sec. 23, T24S, R30E			
AFE#				
EPI Sampler Name	Dustin Crockett			

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

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 ⁼)	pH	TCLP
H1602148	1 SP1 (Surface)	G	1			X																
	2 SP1 (1')	G	1			X																
	3 SP1 (2')	G	1			X																
	4																					
	5																					
	6																					
	7																					
	8																					
	9																					
	10																					

Sampler Relinquished:	Date 9/22/16	Received By:	E-mail results to: ddominguezepi@gmail.com & bblevins@basspet.com
Relinquished by: <i>[Signature]</i>	Time 6:00 am	Received By: <i>[Signature]</i>	NOTES:
Delivered by: <i>[Signature]</i>	Date 9/23/16	Time 3:30 pm	Sample Cadd & Intact Yes
			Checked By: <i>[Signature]</i>