



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

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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/qa/lab\\_accred\\_certif.html](http://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:	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)**

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	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 BTX	<0.300	0.300	12/02/2014	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	1360	16.0	11/26/2014	ND	400	100	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	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 % 47.2-157

Surrogate: 1-Chlorooctadecane 126 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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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
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	UL-B SEC.4, T25S, R31E		

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

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	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 BTX	<0.300	0.300	12/02/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	848	16.0	11/26/2014	ND	400	100	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	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 % 47.2-157

Surrogate: 1-Chlorooctadecane 132 % 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:	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 (27') (H403635-03)**

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	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 BTX	<0.300	0.300	12/02/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	560	16.0	11/26/2014	ND	400	100	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	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 % 47.2-157

Surrogate: 1-Chlorooctadecane 128 % 52.1-176

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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

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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

Bill To

ANALYSIS REQUEST

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 #50  
Location UL-B Sec. 4, T25S, R31E  
Project Reference  
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.	(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 <sup>-</sup> )	SULFATES (SO <sub>4</sub> <sup>2-</sup> )	pH	TCLP	OTHER >>>	PAH
4403635	1 SP1 (23')	G	1			1					X		25-Nov-14	12:55	X	X	X					
	2 SP1 (26')	G	1			1					X		25-Nov-14	1:35	X	X	X					
	3 SP1 (27')	G	1			1					X		25-Nov-14	2:25	X	X	X					
	4																					
	5																					
	6																					
	7																					
	8																					
	9																					
	10																					

Sampler Relinquished:

Date 11/29/14

Received By:

Relinquished by:

Date 1/25/14

Received By: Lab Staff

Delivered by:

Date 1/25/14

Sample Cool & Intact

Checked By:

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