



March 23, 2015

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

RE: PLU JV CVX BS 017H

Enclosed are the results of analyses for samples received by the laboratory on 03/17/15 15:30.

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".

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:	03/17/2015	Sampling Date:	03/16/2015
Reported:	03/23/2015	Sampling Type:	Soil
Project Name:	PLU JV CVX BS 017H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	UL-C SEC. 7, T25S, R31E		

Sample ID: 3 N (4") (H500725-01)

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	03/19/2015	ND	2.17	108	2.00	2.16		
Toluene*	<0.050	0.050	03/19/2015	ND	1.95	97.6	2.00	0.782		
Ethylbenzene*	<0.050	0.050	03/19/2015	ND	1.93	96.6	2.00	1.69		
Total Xylenes*	<0.150	0.150	03/19/2015	ND	5.85	97.6	6.00	1.86		
Total BTEX	<0.300	0.300	03/19/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 61-154

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	03/18/2015	ND	200	99.8	200	4.57		
DRO >C10-C28	412	10.0	03/18/2015	ND	213	106	200	2.49		
EXT DRO >C28-C35	76.7	10.0	03/18/2015	ND						

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 99.8 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Reported:	03/23/2015	Sampling Type:	Soil
Project Name:	PLU JV CVX BS 017H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	UL-C SEC. 7, T25S, R31E		

Sample ID: 3 S (4") (H500725-02)

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	03/20/2015	ND	2.32	116	2.00	3.59		
Toluene*	<0.050	0.050	03/20/2015	ND	2.10	105	2.00	3.14		
Ethylbenzene*	<0.050	0.050	03/20/2015	ND	2.08	104	2.00	3.20		
Total Xylenes*	<0.150	0.150	03/20/2015	ND	6.31	105	6.00	3.52		
Total BTEX	<0.300	0.300	03/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 61-154

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	03/18/2015	ND	200	99.8	200	4.57		
DRO >C10-C28	447	10.0	03/18/2015	ND	213	106	200	2.49		
EXT DRO >C28-C35	76.6	10.0	03/18/2015	ND						

Surrogate: 1-Chlorooctane 97.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 97.2 % 52.1-176

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Reported:	03/23/2015	Sampling Type:	Soil
Project Name:	PLU JV CVX BS 017H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	UL-C SEC. 7, T25S, R31E		

Sample ID: 5 N (4") (H500725-03)

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	03/20/2015	ND	2.32	116	2.00	3.59	
Toluene*	<0.050	0.050	03/20/2015	ND	2.10	105	2.00	3.14	
Ethylbenzene*	<0.050	0.050	03/20/2015	ND	2.08	104	2.00	3.20	
Total Xylenes*	<0.150	0.150	03/20/2015	ND	6.31	105	6.00	3.52	
Total BTEX	<0.300	0.300	03/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 61-154

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	03/18/2015	ND	200	99.8	200	4.57	
DRO >C10-C28	469	10.0	03/18/2015	ND	213	106	200	2.49	
EXT DRO >C28-C35	78.0	10.0	03/18/2015	ND					

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 104 % 52.1-176

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Reported:	03/23/2015	Sampling Type:	Soil
Project Name:	PLU JV CVX BS 017H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	UL-C SEC. 7, T25S, R31E		

Sample ID: 5 S (4") (H500725-04)

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	03/20/2015	ND	2.32	116	2.00	3.59	
Toluene*	<0.050	0.050	03/20/2015	ND	2.10	105	2.00	3.14	
Ethylbenzene*	<0.050	0.050	03/20/2015	ND	2.08	104	2.00	3.20	
Total Xylenes*	<0.150	0.150	03/20/2015	ND	6.31	105	6.00	3.52	
Total BTEX	<0.300	0.300	03/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 61-154

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	03/18/2015	ND	200	99.8	200	4.57	
DRO >C10-C28	274	10.0	03/18/2015	ND	213	106	200	2.49	
EXT DRO >C28-C35	38.2	10.0	03/18/2015	ND					

Surrogate: 1-Chlorooctane 96.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 97.7 % 52.1-176

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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



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
 Eunice New Mexico 88231
 City, State, Zip: Eunice New Mexico 88231
 EPI Phone#/Fax#: 575-394-3481 / 575-394-2601
 Client Company: BOPCO
 Facility Name: PLU JV CVX BS 0177H
 Location: UL-C Sec. 7, T25S, R31E
 AFE#: 25912
 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	DATE	TIME	BTEX 8021B	TPH 8015M	CHLORIDES (Cl ⁻)	SULFATES (SO ₄ ²⁻)	pH	TCLP	OTHER >>>	PAH
				GROUND WATER	WASTEWATER	SOIL	CRUDE OIL	SLUDGE	OTHER:												
H500715																					
01	3N (4")	G	1	X						X		16-Mar-15	8:00	X	X						
02	3S (4")	G	1	X						X		16-Mar-15	8:01	X	X						
03	5N (4")	G	1	X						X		16-Mar-15	8:03	X	X						
04	5S (4")	G	1	X						X		16-Mar-15	8:04	X	X						
05																					
06																					
07																					
08																					
09																					
10																					

Sampler Relinquished:

Date: 3/17/15
 Time: 3:30pm
 Received By: David Robinson

Relinquished by:

Date: 3-17-15
 Time: 3:30pm
 Received By: (lab staff)
 Sample Cool & Intact: Yes

Delivered by:

4.2°C

Sample Cool & Intact: Yes

Checked By: Cole

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