



July 21, 2015

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

RE: PLU #411H

Enclosed are the results of analyses for samples received by the laboratory on 07/15/15 15:32.

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". The signature is written in a cursive style.

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:	07/15/2015	Sampling Date:	07/14/2015
Reported:	07/21/2015	Sampling Type:	Soil
Project Name:	PLU #411H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	UL-B SEC. 28, T24S ,R31E		

Sample ID: SP1 (SURFACE) (H501816-01)

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	07/20/2015	ND	2.04	102	2.00	2.59	
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16	
Ethylbenzene*	0.246	0.050	07/20/2015	ND	2.25	113	2.00	3.74	
Total Xylenes*	1.36	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95	
Total BTEX	1.61	0.300	07/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	07/20/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	131	50.0	07/17/2015	ND	183	91.3	200	5.04	
DRO >C10-C28	4790	50.0	07/17/2015	ND	189	94.6	200	7.58	
EXT DRO >C28-C35	1030	50.0	07/17/2015	ND					

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

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*=Accredited Analyte

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Received:	07/15/2015	Sampling Date:	07/14/2015
Reported:	07/21/2015	Sampling Type:	Soil
Project Name:	PLU #411H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	UL-B SEC. 28, T24S ,R31E		

Sample ID: SP1 (1') (H501816-02)

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	07/20/2015	ND	2.04	102	2.00	2.59		
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16		
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.25	113	2.00	3.74		
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95		
Total BTEX	<0.300	0.300	07/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/20/2015	ND	432	108	400	3.77		

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	07/17/2015	ND	183	91.3	200	5.04		
DRO >C10-C28	<10.0	10.0	07/17/2015	ND	189	94.6	200	7.58		
EXT DRO >C28-C35	<10.0	10.0	07/17/2015	ND						

Surrogate: 1-Chlorooctane 75.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 65.5 % 52.1-176

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Received:	07/15/2015	Sampling Date:	07/14/2015
Reported:	07/21/2015	Sampling Type:	Soil
Project Name:	PLU #411H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	UL-B SEC. 28, T24S ,R31E		

Sample ID: SP2 (SURFACE) (H501816-03)

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	07/20/2015	ND	2.04	102	2.00	2.59	
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16	
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.25	113	2.00	3.74	
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95	
Total BTEX	<0.300	0.300	07/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 118 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3360	16.0	07/20/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	07/17/2015	ND	183	91.3	200	5.04	
DRO >C10-C28	3850	50.0	07/17/2015	ND	189	94.6	200	7.58	
EXT DRO >C28-C35	763	50.0	07/17/2015	ND					

Surrogate: 1-Chlorooctane 86.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 125 % 52.1-176

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Received:	07/15/2015	Sampling Date:	07/14/2015
Reported:	07/21/2015	Sampling Type:	Soil
Project Name:	PLU #411H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	UL-B SEC. 28, T24S ,R31E		

Sample ID: SP2 (1') (H501816-04)

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	07/20/2015	ND	2.04	102	2.00	2.59		
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16		
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.25	113	2.00	3.74		
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95		
Total BTEX	<0.300	0.300	07/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/20/2015	ND	432	108	400	3.77		

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	07/17/2015	ND	183	91.3	200	5.04		
DRO >C10-C28	<10.0	10.0	07/17/2015	ND	189	94.6	200	7.58		
EXT DRO >C28-C35	<10.0	10.0	07/17/2015	ND						

Surrogate: 1-Chlorooctane 79.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 86.4 % 52.1-176

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Received:	07/15/2015	Sampling Date:	07/14/2015
Reported:	07/21/2015	Sampling Type:	Soil
Project Name:	PLU #411H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	UL-B SEC. 28, T24S ,R31E		

Sample ID: SP3 (SURFACE) (H501816-05)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	07/20/2015	ND	2.04	102	2.00	2.59	
Toluene*	5.95	1.00	07/20/2015	ND	2.06	103	2.00	4.16	
Ethylbenzene*	7.72	1.00	07/20/2015	ND	2.25	113	2.00	3.74	
Total Xylenes*	33.2	3.00	07/20/2015	ND	5.91	98.4	6.00	3.95	
Total BTEX	46.9	6.00	07/20/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 136 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1840	16.0	07/20/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	1450	50.0	07/17/2015	ND	183	91.3	200	5.04		
DRO >C10-C28	9910	50.0	07/17/2015	ND	189	94.6	200	7.58		
EXT DRO >C28-C35	1690	50.0	07/17/2015	ND						

Surrogate: 1-Chlorooctane 179 % 47.2-157

Surrogate: 1-Chlorooctadecane 150 % 52.1-176

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Received:	07/15/2015	Sampling Date:	07/14/2015
Reported:	07/21/2015	Sampling Type:	Soil
Project Name:	PLU #411H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	UL-B SEC. 28, T24S ,R31E		

Sample ID: SP3 (1') (H501816-06)

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	07/20/2015	ND	2.04	102	2.00	2.59		
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16		
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.25	113	2.00	3.74		
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95		
Total BTEX	<0.300	0.300	07/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/20/2015	ND	432	108	400	3.77		

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	07/18/2015	ND	183	91.3	200	5.04		
DRO >C10-C28	361	10.0	07/18/2015	ND	189	94.6	200	7.58		
EXT DRO >C28-C35	169	10.0	07/18/2015	ND						

Surrogate: 1-Chlorooctane 84.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 85.7 % 52.1-176

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 Daniel Dominguez
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 Fax To: (505) 394-2601

Received:	07/15/2015	Sampling Date:	07/14/2015
Reported:	07/21/2015	Sampling Type:	Soil
Project Name:	PLU #411H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Judy Garcia
Project Location:	UL-B SEC. 28, T24S ,R31E		

Sample ID: SP3 (2') (H501816-07)

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	07/20/2015	ND	2.04	102	2.00	2.59		
Toluene*	<0.050	0.050	07/20/2015	ND	2.06	103	2.00	4.16		
Ethylbenzene*	<0.050	0.050	07/20/2015	ND	2.25	113	2.00	3.74		
Total Xylenes*	<0.150	0.150	07/20/2015	ND	5.91	98.4	6.00	3.95		
Total BTEX	<0.300	0.300	07/20/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 85.6-137

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	07/20/2015	ND	432	108	400	3.77		

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	07/18/2015	ND	183	91.3	200	5.04		
DRO >C10-C28	<10.0	10.0	07/18/2015	ND	189	94.6	200	7.58		
EXT DRO >C28-C35	<10.0	10.0	07/18/2015	ND						

Surrogate: 1-Chlorooctane 83.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 90.8 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- QM-4X The spike recovery was outside of QC acceptance limits for the MS and/or MSD due to analyte concentration at 4 times or greater the spike concentration. The QC batch was accepted based on LCS and/or LCSD recoveries within the acceptance limits.
- 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

