



May 13, 2016

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

RE: GOLDENCHILD 6 STATE #1

Enclosed are the results of analyses for samples received by the laboratory on 05/10/16 15:29.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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:	05/10/2016	Sampling Date:	05/09/2016
Reported:	05/13/2016	Sampling Type:	Soil
Project Name:	GOLDENCHILD 6 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-P SEC. 6, T25S, R29E		

Sample ID: SP 1 (1') (H601024-01)

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	05/12/2016	ND	1.99	99.5	2.00	0.948	
Toluene*	<0.050	0.050	05/12/2016	ND	1.96	97.8	2.00	1.65	
Ethylbenzene*	<0.050	0.050	05/12/2016	ND	1.79	89.6	2.00	2.28	
Total Xylenes*	<0.150	0.150	05/12/2016	ND	5.58	92.9	6.00	2.20	
Total BTEX	<0.300	0.300	05/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.4 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	05/12/2016	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	05/12/2016	ND	180	89.9	200	6.40	
DRO >C10-C28	<10.0	10.0	05/12/2016	ND	195	97.4	200	4.91	

Surrogate: 1-Chlorooctane 85.6 % 35-147

Surrogate: 1-Chlorooctadecane 97.2 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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 Daniel Dominguez
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 Eunice NM, 88231
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Received:	05/10/2016	Sampling Date:	05/09/2016
Reported:	05/13/2016	Sampling Type:	Soil
Project Name:	GOLDENCHILD 6 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-P SEC. 6, T25S, R29E		

Sample ID: SP 1 (2') (H601024-02)

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	05/12/2016	ND	1.99	99.5	2.00	0.948	
Toluene*	<0.050	0.050	05/12/2016	ND	1.96	97.8	2.00	1.65	
Ethylbenzene*	<0.050	0.050	05/12/2016	ND	1.79	89.6	2.00	2.28	
Total Xylenes*	<0.150	0.150	05/12/2016	ND	5.58	92.9	6.00	2.20	
Total BTEX	<0.300	0.300	05/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	05/12/2016	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	05/12/2016	ND	180	89.9	200	6.40	
DRO >C10-C28	<10.0	10.0	05/12/2016	ND	195	97.4	200	4.91	

Surrogate: 1-Chlorooctane 80.5 % 35-147

Surrogate: 1-Chlorooctadecane 86.4 % 28-171

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Received:	05/10/2016	Sampling Date:	05/01/2016
Reported:	05/13/2016	Sampling Type:	Soil
Project Name:	GOLDENCHILD 6 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-P SEC. 6, T25S, R29E		

Sample ID: SP 2 (1') (H601024-03)

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	05/12/2016	ND	1.99	99.5	2.00	0.948		
Toluene*	<0.050	0.050	05/12/2016	ND	1.96	97.8	2.00	1.65		
Ethylbenzene*	<0.050	0.050	05/12/2016	ND	1.79	89.6	2.00	2.28		
Total Xylenes*	<0.150	0.150	05/12/2016	ND	5.58	92.9	6.00	2.20		
Total BTEX	<0.300	0.300	05/12/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	05/12/2016	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	05/12/2016	ND	180	89.9	200	6.40		
DRO >C10-C28	<10.0	10.0	05/12/2016	ND	195	97.4	200	4.91		

Surrogate: 1-Chlorooctane 81.9 % 35-147

Surrogate: 1-Chlorooctadecane 90.8 % 28-171

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Received:	05/10/2016	Sampling Date:	05/09/2016
Reported:	05/13/2016	Sampling Type:	Soil
Project Name:	GOLDENCHILD 6 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-P SEC. 6, T25S, R29E		

Sample ID: SP 2 (2') (H601024-04)

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	05/12/2016	ND	1.99	99.5	2.00	0.948		
Toluene*	<0.050	0.050	05/12/2016	ND	1.96	97.8	2.00	1.65		
Ethylbenzene*	<0.050	0.050	05/12/2016	ND	1.79	89.6	2.00	2.28		
Total Xylenes*	<0.150	0.150	05/12/2016	ND	5.58	92.9	6.00	2.20		
Total BTEX	<0.300	0.300	05/12/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	05/12/2016	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	05/12/2016	ND	180	89.9	200	6.40		
DRO >C10-C28	<10.0	10.0	05/12/2016	ND	195	97.4	200	4.91		

Surrogate: 1-Chlorooctane 80.8 % 35-147

Surrogate: 1-Chlorooctadecane 89.6 % 28-171

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Received:	05/10/2016	Sampling Date:	05/09/2016
Reported:	05/13/2016	Sampling Type:	Soil
Project Name:	GOLDENCHILD 6 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-P SEC. 6, T25S, R29E		

Sample ID: SP 3 (1') (H601024-05)

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	05/12/2016	ND	1.99	99.5	2.00	0.948	
Toluene*	<0.050	0.050	05/12/2016	ND	1.96	97.8	2.00	1.65	
Ethylbenzene*	<0.050	0.050	05/12/2016	ND	1.79	89.6	2.00	2.28	
Total Xylenes*	<0.150	0.150	05/12/2016	ND	5.58	92.9	6.00	2.20	
Total BTEX	<0.300	0.300	05/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	05/12/2016	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	05/12/2016	ND	180	89.9	200	6.40	
DRO >C10-C28	<10.0	10.0	05/12/2016	ND	195	97.4	200	4.91	

Surrogate: 1-Chlorooctane 79.7 % 35-147

Surrogate: 1-Chlorooctadecane 89.9 % 28-171

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 Daniel Dominguez
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 Fax To: (505) 394-2601

Received:	05/10/2016	Sampling Date:	05/09/2016
Reported:	05/13/2016	Sampling Type:	Soil
Project Name:	GOLDENCHILD 6 STATE #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	UL-P SEC. 6, T25S, R29E		

Sample ID: SP 3 (2') (H601024-06)

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	05/12/2016	ND	1.99	99.5	2.00	0.948	
Toluene*	<0.050	0.050	05/12/2016	ND	1.96	97.8	2.00	1.65	
Ethylbenzene*	<0.050	0.050	05/12/2016	ND	1.79	89.6	2.00	2.28	
Total Xylenes*	<0.150	0.150	05/12/2016	ND	5.58	92.9	6.00	2.20	
Total BTEX	<0.300	0.300	05/12/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	05/12/2016	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	05/12/2016	ND	180	89.9	200	6.40	
DRO >C10-C28	<10.0	10.0	05/12/2016	ND	195	97.4	200	4.91	

Surrogate: 1-Chlorooctane 74.2 % 35-147

Surrogate: 1-Chlorooctadecane 89.3 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- 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

