

Bratcher, Mike, EMNRD

From: Bratcher, Mike, EMNRD
Sent: Tuesday, May 15, 2012 4:12 PM
To: 'Bradley Blevins'
Cc: Daniel Dominguez (ddominguezepi@gmail.com)
Subject: RE: C-141 Old Indian Draw Unit 24

Bradley,

Based on the analytical data presented and material excavated, your request to backfill is approved.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
575-748-1283 Ext. 108
575-626-0857
mike.bratcher@state.nm.us

-----Original Message-----

From: Bradley Blevins [<mailto:bradley.blevins@chk.com>]
Sent: Friday, May 11, 2012 8:04 AM
To: Bratcher, Mike, EMNRD
Cc: Bradley Blevins; Daniel Dominguez (ddominguezepi@gmail.com)
Subject: C-141 Old Indian Draw Unit 24

Mike,

Please find the initial C-141 for the Old Indian Draw unit 24, also attached is the Lab data. We have excavated 1.5 feet of soil from inside the firewall, the highlighted results in the data has been excavated and hauled away to Lea Land. Vertical delineation cleans up and we would like your approval to backfill the site. If you have any questions please let me know.

Thanks,
Bradley Blevins
EH & S Field Specialist
DAR
Hobbs Field Office
North Permian Division
Office: (575) 391-1462 x 86424
Cell: (575) 441-0341
Fax: (575)391-6679

-----Original Message-----

From: Bradley Blevins
Sent: Friday, May 11, 2012 5:50 AM
To: Bradley Blevins
Subject:

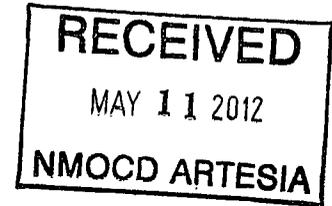
This E-mail was sent from "1hobnm-1-ri02" (Aficio MP C3500).

Scan Date: 05.11.2012 07:50:29 (-0400)

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May 09, 2012

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



RE: OLD INDIAN DRAW #24

Enclosed are the results of analyses for samples received by the laboratory on 05/02/12 8:07.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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,



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: 05/02/2012
 Reported: 05/09/2012
 Project Name: OLD INDIAN DRAW #24
 Project Number: 161298
 Project Location: UL-O, SEC. 7 T23S R28E

 Sampling Date: 04/30/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 (SURFACE) (H201003-01)

BTEX 8021B		mg/kg		Analyzed By: ZZZ					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2012	ND	1.87	93.7	2.00	6.62		
Toluene*	0.268	0.050	05/09/2012	ND	1.97	98.5	2.00	6.61		
Ethylbenzene*	1.23	0.050	05/09/2012	ND	1.95	97.6	2.00	6.70		
Total Xylenes*	7.78	0.150	05/09/2012	ND	6.02	100	6.00	6.43		

Surrogate 4-Bromofluorobenzene (PIE) 160 % 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	432	16.0	05/04/2012	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	752	50.0	05/07/2012	ND	215	108	200	8.49		
DRO >C10-C28	26500	50.0	05/07/2012	ND	194	96.9	200	11.3		

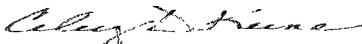
Surrogate 1-Chlorooctane 162 % 55 5-154

Surrogate 1-Chlorooctadecane 286 % 57 6-158

Cardinal Laboratories

*=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:	05/02/2012	Sampling Date:	04/30/2012
Reported:	05/09/2012	Sampling Type:	Soil
Project Name:	OLD INDIAN DRAW #24	Sampling Condition:	Cool & Intact
Project Number:	161298	Sample Received By:	Jodi Henson
Project Location:	UL-O, SEC. 7 T23S R28E		

Sample ID: SP 1 (1') (H201003-02)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/08/2012	ND	1.87	93.7	2.00	6.62		
Toluene*	<0.050	0.050	05/08/2012	ND	1.97	98.5	2.00	6.61		
Ethylbenzene*	<0.050	0.050	05/08/2012	ND	1.95	97.6	2.00	6.70		
Total Xylenes*	<0.150	0.150	05/08/2012	ND	6.02	100	6.00	6.43		

Surrogate 4-Bromofluorobenzene (PIC) 108 % 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	192	16.0	05/04/2012	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	05/07/2012	ND	215	108	200	8.49		
DRO >C10-C28	29.8	10.0	05/07/2012	ND	194	96.9	200	11.3		

Surrogate 1-Chlorooctane 109 % 55 5-154

Surrogate 1-Chlorooctadecane 126 % 57 6-158

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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: 05/02/2012
 Reported: 05/09/2012
 Project Name: OLD INDIAN DRAW #24
 Project Number: 161298
 Project Location: UL-O, SEC. 7 T23S R28E

 Sampling Date: 04/30/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 (3') (H201003-03)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/08/2012	ND	1.87	93.7	2.00	6.62		
Toluene*	<0.050	0.050	05/08/2012	ND	1.97	98.5	2.00	6.61		
Ethylbenzene*	<0.050	0.050	05/08/2012	ND	1.95	97.6	2.00	6.70		
Total Xylenes*	<0.150	0.150	05/08/2012	ND	6.02	100	6.00	6.43		

Surrogate 4-Bromofluorobenzene (PIE) 107 % 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	05/04/2012	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	05/07/2012	ND	215	108	200	8.49		
DRO >C10-C28	<10.0	10.0	05/07/2012	ND	194	96.9	200	11.3		

Surrogate 1-Chlorooctane 102 % 55 5-154

Surrogate 1-Chlorooctadecane 117 % 57 6-158

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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:	05/02/2012	Sampling Date:	04/30/2012
Reported:	05/09/2012	Sampling Type:	Soil
Project Name:	OLD INDIAN DRAW #24	Sampling Condition:	Cool & Intact
Project Number:	161298	Sample Received By:	Jodi Henson
Project Location:	UL-O, SEC. 7 T23S R28E		

Sample ID: SP 2 (1') (H201003-04)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/08/2012	ND	1.87	93.7	2.00	6.62		
Toluene*	<0.050	0.050	05/08/2012	ND	1.97	98.5	2.00	6.61		
Ethylbenzene*	<0.050	0.050	05/08/2012	ND	1.95	97.6	2.00	6.70		
Total Xylenes*	<0.150	0.150	05/08/2012	ND	6.02	100	6.00	6.43		

Surrogate 4-Bromofluorobenzene (PIE) 107 % 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	05/04/2012	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	05/07/2012	ND	215	108	200	8.49		
DRO >C10-C28	24.4	10.0	05/07/2012	ND	194	96.9	200	11.3		

Surrogate 1-Chlorooctane 104 % 55 5-154

Surrogate 1-Chlorooctadecane 123 % 57 6-158

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Analytical Results For:

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

Received:	05/02/2012	Sampling Date:	04/30/2012
Reported:	05/09/2012	Sampling Type:	Soil
Project Name:	OLD INDIAN DRAW #24	Sampling Condition:	Cool & Intact
Project Number:	161298	Sample Received By:	Jodi Henson
Project Location:	UL-O, SEC. 7 T23S R28E		

Sample ID: SP 2 (3') (H201003-05)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/08/2012	ND	1.87	93.7	2.00	6.62		
Toluene*	<0.050	0.050	05/08/2012	ND	1.97	98.5	2.00	6.61		
Ethylbenzene*	<0.050	0.050	05/08/2012	ND	1.95	97.6	2.00	6.70		
Total Xylenes*	<0.150	0.150	05/08/2012	ND	6.02	100	6.00	6.43		

Surrogate 4-Bromofluorobenzene (PIC) 107 % 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	768	16.0	05/04/2012	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	05/07/2012	ND	215	108	200	8.49		
DRO >C10-C28	<10.0	10.0	05/07/2012	ND	194	96.9	200	11.3		

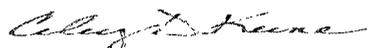
Surrogate 1-Chlorooctane 105 % 55 5-154

Surrogate 1-Chlorooctadecane 121 % 57 6-158

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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: 05/02/2012
 Reported: 05/09/2012
 Project Name: OLD INDIAN DRAW #24
 Project Number: 161298
 Project Location: UL-O, SEC. 7 T23S R28E

 Sampling Date: 04/30/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 (6') (H201003-06)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/08/2012	ND	1.87	93.7	2.00	6.62		
Toluene*	<0.050	0.050	05/08/2012	ND	1.97	98.5	2.00	6.61		
Ethylbenzene*	<0.050	0.050	05/08/2012	ND	1.95	97.6	2.00	6.70		
Total Xylenes*	<0.150	0.150	05/08/2012	ND	6.02	100	6.00	6.43		

Surrogate 4-Bromofluorobenzene (PIE) 107 % 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	272	16.0	05/04/2012	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	05/07/2012	ND	215	108	200	8.49		
DRO >C10-C28	<10.0	10.0	05/07/2012	ND	194	96.9	200	11.3		

Surrogate 1-Chlorooctane 99.8 % 55 5-154

Surrogate 1-Chlorooctadecane 113 % 57 6-158

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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:	05/02/2012	Sampling Date:	04/30/2012
Reported:	05/09/2012	Sampling Type:	Soil
Project Name:	OLD INDIAN DRAW #24	Sampling Condition:	Cool & Intact
Project Number:	161298	Sample Received By:	Jodi Henson
Project Location:	UL-O, SEC. 7 T23S R28E		

Sample ID: SP 4 (1.5') (H201003-07)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2012	ND	1.87	93.7	2.00	6.62		
Toluene*	0.244	0.050	05/09/2012	ND	1.97	98.5	2.00	6.61		
Ethylbenzene*	0.564	0.050	05/09/2012	ND	1.95	97.6	2.00	6.70		
Total Xylenes*	2.79	0.150	05/09/2012	ND	6.02	100	6.00	6.43		

Surrogate 4-Bromofluorobenzene (PIE) 127% 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<u>Chloride</u>	<u>640</u>	16.0	05/04/2012	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	
<u>GRO C6-C10</u>	<u>236</u>	10.0	05/07/2012	ND	215	108	200	8.49		
<u>DRO >C10-C28</u>	<u>1620</u>	10.0	05/07/2012	ND	194	96.9	200	11.3		

Surrogate 1-Chlorooctane 126% 55 5-154

Surrogate 1-Chlorooctadecane 127% 57 6-158

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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: 05/02/2012
 Reported: 05/09/2012
 Project Name: OLD INDIAN DRAW #24
 Project Number: 161298
 Project Location: UL-O, SEC. 7 T23S R28E

 Sampling Date: 05/01/2012
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 (3') (H201003-08)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2012	ND	1.87	93.7	2.00	6.62		
Toluene*	<0.050	0.050	05/09/2012	ND	1.97	98.5	2.00	6.61		
Ethylbenzene*	<0.050	0.050	05/09/2012	ND	1.95	97.6	2.00	6.70		
Total Xylenes*	<0.150	0.150	05/09/2012	ND	6.02	100	6.00	6.43		

Surrogate 4-Bromofluorobenzene (PIE) 118 % 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	05/04/2012	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	05/07/2012	ND	215	108	200	8.49		
DRO >C10-C28	380	10.0	05/07/2012	ND	194	96.9	200	11.3		

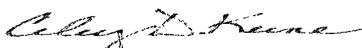
Surrogate 1-Chlorooctane 108 % 55 5-154

Surrogate 1-Chlorooctadecane 132 % 57 6-158

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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:	05/02/2012	Sampling Date:	05/01/2012
Reported:	05/09/2012	Sampling Type:	Soil
Project Name:	OLD INDIAN DRAW #24	Sampling Condition:	Cool & Intact
Project Number:	161298	Sample Received By:	Jodi Henson
Project Location:	UL-O, SEC. 7 T23S R28E		

Sample ID: SP 4 (4') (H201003-09)

BTEX 8021B		mg/kg		Analyzed By: ZZZ						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/09/2012	ND	1.87	93.7	2.00	6.62		
Toluene*	<0.050	0.050	05/09/2012	ND	1.97	98.5	2.00	6.61		
Ethylbenzene*	<0.050	0.050	05/09/2012	ND	1.95	97.6	2.00	6.70		
Total Xylenes*	<0.150	0.150	05/09/2012	ND	6.02	100	6.00	6.43		

Surrogate 4-Bromofluorobenzene (PIE) 108 % 64 4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	05/04/2012	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	05/08/2012	ND	215	108	200	8.49		
DRO >C10-C28	75.1	10.0	05/08/2012	ND	194	96.9	200	11.3		

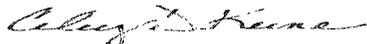
Surrogate 1-Chlorooctane 122 % 55 5-154

Surrogate 1-Chlorooctadecane 144 % 57 6-158

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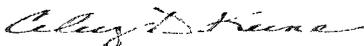
Notes and Definitions

- 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.
- 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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