

Bratcher, Mike, EMNRD

From: Cliff P. Brunson [cbrunson@bbcinternational.com]
Sent: Saturday, September 17, 2011 3:43 PM
To: Bratcher, Mike, EMNRD
Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy US Federal 13-2
Attachments: Oxy-US Federal 13-2 Site drawing and lab data.pdf; Oxy-US Federal 13-2 Site Pictures.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Mike,

This e-mail is to confirm our discussion on September 13, 2011 concerning the remediation plan for the release that occurred at the Oxy US Federal 13-2. As agreed, Oxy will excavate 6 inches of the impacted soil in the spill area and in the area of SP-2, the excavation will be 1 foot and a confirmation sample will be collected to verify the hydrocarbons are below 5,000 ppm which is the NMOCD guideline. The excavation will then be backfilled with clean soil. The depth to groundwater in this area is approximately 100 feet.

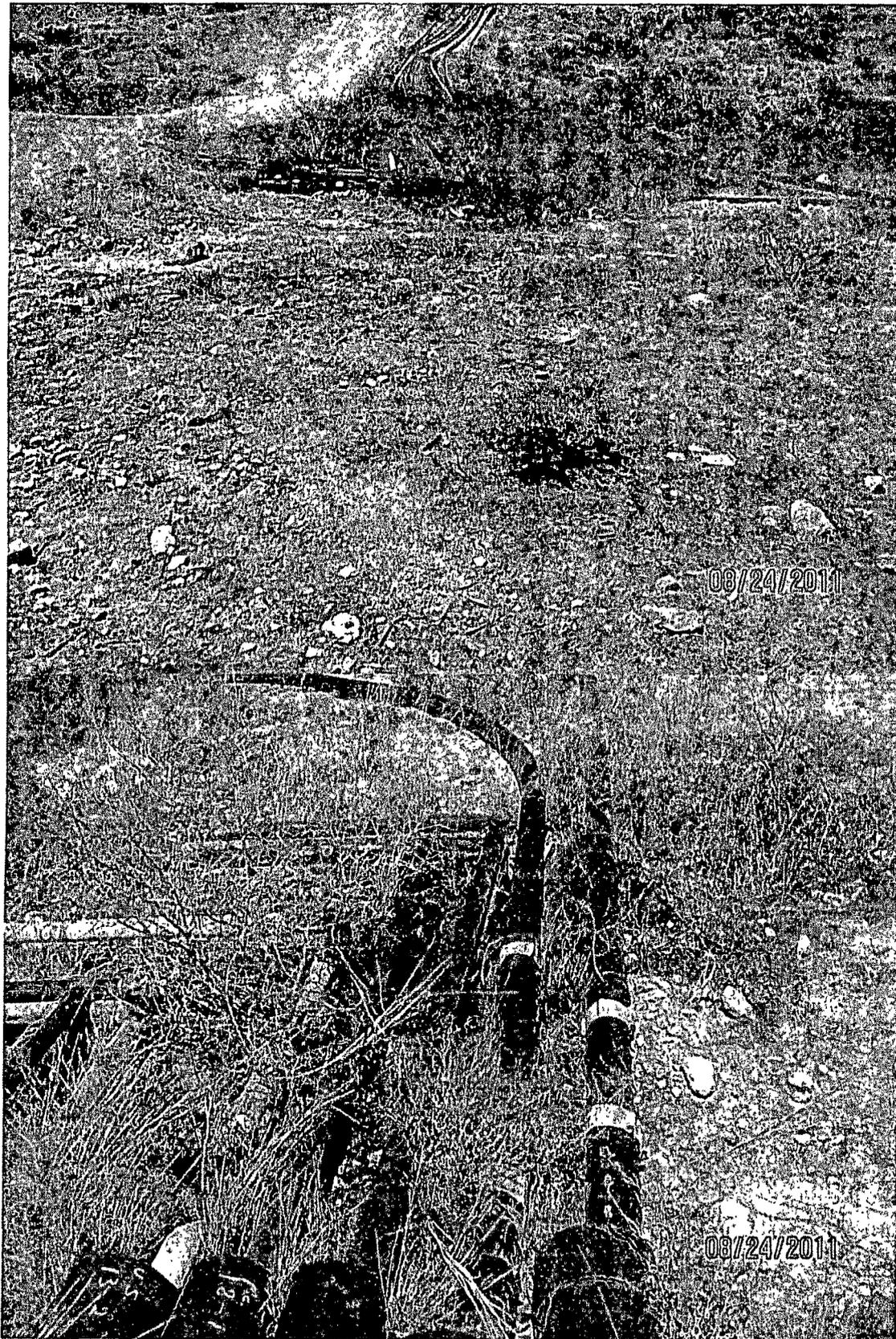
I have attached the site drawing and laboratory data and a few pictures that we reviewed during our discussion for your files. If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

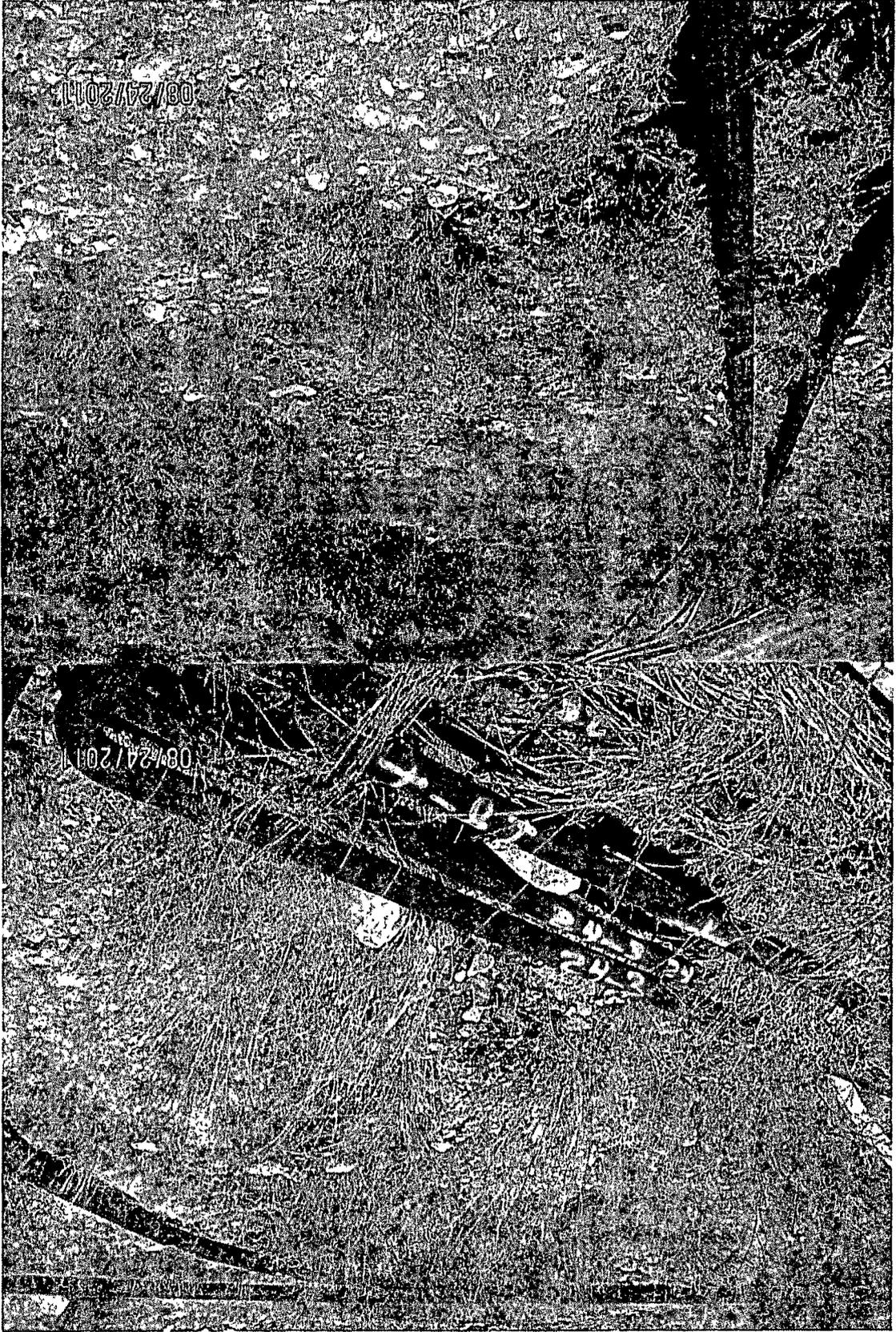
Oxy and I thank you for your assistance in handling this matter.

Thanks, Cliff

Cliff Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address
P. O. Box 805
Hobbs, NM 88241-0805 USA
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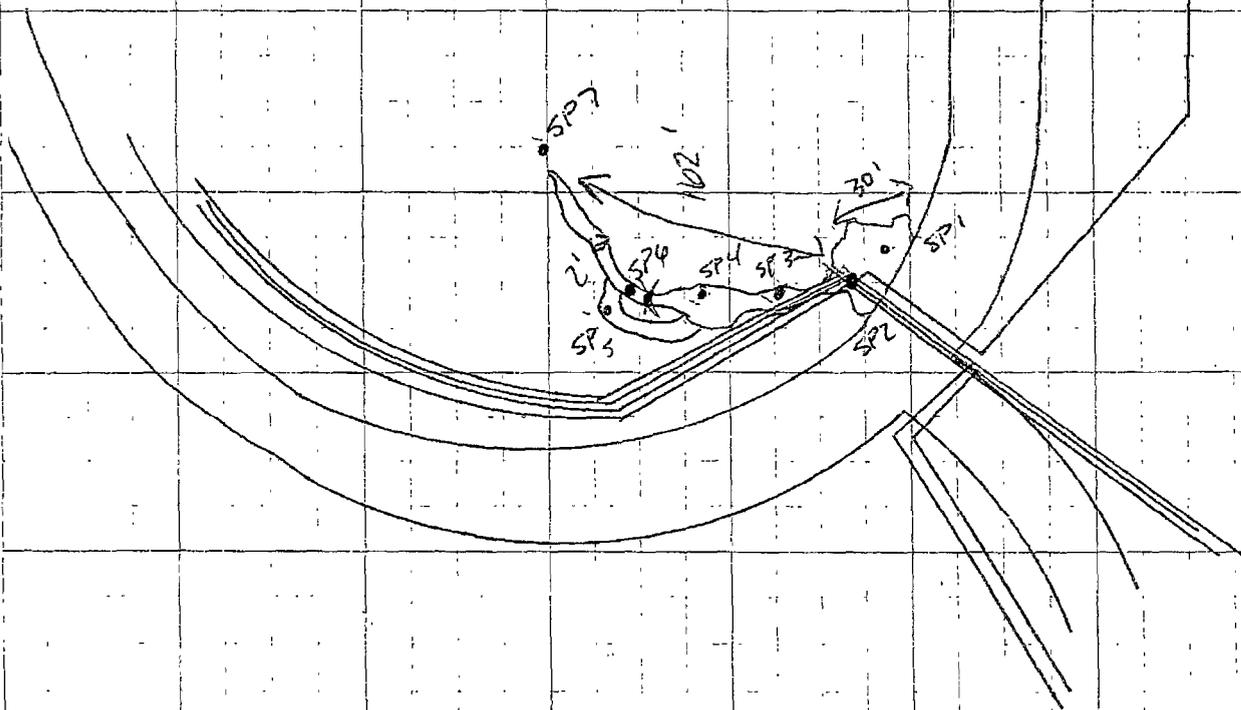
Oxy US 13 FEDERAL #2

GPS N 32.38966
W 104.44933

3824 ft²

200ft RADIUS

AT THE INTERSECTION OF HWY 285
& ST ROAD 137. HEAD WEST ON STR 137
FOR 2.3 MILES. TURN LEFT HEADING
SOUTH ON WATERHOLE ROAD FOR
8.8 MILES. TURN LEFT HEAD EAST
ON MAIN LEASE ROAD FOR 0.6 MILES
SITE IS AT THE V IN THE ROAD
DIRECTLY TO THE LEFT OF @ THE
ROAD.



Submitted 9/2/11 KAP



September 08, 2011

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

RE: US 13 FED #2

Enclosed are the results of analyses for samples received by the laboratory on 09/02/11 16:12.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

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 (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:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	09/02/2011	Sampling Date:	09/01/2011
Reported:	09/08/2011	Sampling Type:	Soil
Project Name:	US 13 FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ SURFACE (H101881-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/06/2011	ND	400	100	400	7.69		

Sample ID: SP 1 @ 1' (H101881-02)

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	09/06/2011	ND	400	100	400	7.69		

Sample ID: SP 2 @ SURFACE (H101881-03)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65		
Toluene*	0.063	0.050	09/07/2011	ND	2.37	118	2.00	9.63		
Ethylbenzene*	0.089	0.050	09/07/2011	ND	2.36	118	2.00	8.37		
Total Xylenes*	0.241	0.150	09/07/2011	ND	7.07	118	6.00	8.03		

Surrogate: 4-Bromofluorobenzene (PIL) 103 % 64.4-134

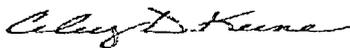
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2080	16.0	09/06/2011	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	102	50.0	09/07/2011	ND	169	84.5	200	1.21		

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	09/02/2011	Sampling Date:	09/01/2011
Reported:	09/08/2011	Sampling Type:	Soil
Project Name:	US 13 FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

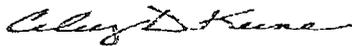
Sample ID: SP 2 @ SURFACE (H101881-03)

TPH 8015M	mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
DRO >C10-C28	19600	50.0	09/07/2011	ND	171	85.3	200	0.811	
<i>Surrogate: 1-Chlorooctane</i>	<i>102 %</i>	<i>55.5-154</i>							
<i>Surrogate: 1-Chlorooctadecane</i>	<i>106 %</i>	<i>57.6-158</i>							

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Received:	09/02/2011	Sampling Date:	09/01/2011
Reported:	09/08/2011	Sampling Type:	Soil
Project Name:	US 13 FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 6" (H101881-04)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65		
Toluene*	0.077	0.050	09/07/2011	ND	2.37	118	2.00	9.63		
Ethylbenzene*	0.176	0.050	09/07/2011	ND	2.36	118	2.00	8.37		
Total Xylenes*	0.422	0.150	09/07/2011	ND	7.07	118	6.00	8.03		

Surrogate: 4-Bromofluorobenzene (PIL) 124 % 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	480	16.0	09/06/2011	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GR0 C6-C10	65.6	50.0	09/07/2011	ND	169	84.5	200	1.21		
DRO >C10-C28	5470	50.0	09/07/2011	ND	171	85.3	200	0.811		

Surrogate: 1-Chlorooctane 116 % 55.5-154

Surrogate: 1-Chlorooctadecane 102 % 57.6-158

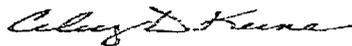
Sample ID: SP 3 @ SURFACE (H101881-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	496	16.0	09/06/2011	ND	400	100	400	7.69		

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	09/02/2011	Sampling Date:	09/01/2011
Reported:	09/08/2011	Sampling Type:	Soil
Project Name:	US 13 FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 6" (H101881-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	09/06/2011	ND	400	100	400	7.69		

Sample ID: SP 4 @ SURFACE (H101881-07)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65		
Toluene*	<0.050	0.050	09/07/2011	ND	2.37	118	2.00	9.63		
Ethylbenzene*	<0.050	0.050	09/07/2011	ND	2.36	118	2.00	8.37		
Total Xylenes*	0.163	0.150	09/07/2011	ND	7.07	118	6.00	8.03		

Surrogate: 4-Bromofluorobenzene (PIL) 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	192	16.0	09/06/2011	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	11.1	10.0	09/07/2011	ND	169	84.5	200	1.21		
DRO >C10-C28	645	10.0	09/07/2011	ND	171	85.3	200	0.811		

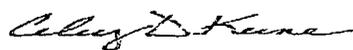
Surrogate: 1-Chlorooctane 102 % 55.5-154

Surrogate: 1-Chlorooctadecane 95.8 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	09/02/2011	Sampling Date:	09/01/2011
Reported:	09/08/2011	Sampling Type:	Soil
Project Name:	US 13 FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ 6" (H101881-08)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65		
Toluene*	<0.050	0.050	09/07/2011	ND	2.37	118	2.00	9.63		
Ethylbenzene*	<0.050	0.050	09/07/2011	ND	2.36	118	2.00	8.37		
Total Xylenes*	0.164	0.150	09/07/2011	ND	7.07	118	6.00	8.03		

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 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	09/06/2011	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/07/2011	ND	169	84.5	200	1.21		
DRO >C10-C28	283	10.0	09/07/2011	ND	171	85.3	200	0.811		

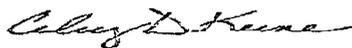
Surrogate: 1-Chlorooctane 106 % 55.5-154

Surrogate: 1-Chlorooctadecane 105 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	09/02/2011	Sampling Date:	09/01/2011
Reported:	09/08/2011	Sampling Type:	Soil
Project Name:	US 13 FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 5 @ SURFACE (H101881-09)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65		
Toluene*	0.073	0.050	09/07/2011	ND	2.37	118	2.00	9.63		
Ethylbenzene*	0.087	0.050	09/07/2011	ND	2.36	118	2.00	8.37		
Total Xylenes*	0.287	0.150	09/07/2011	ND	7.07	118	6.00	8.03		

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 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	448	16.0	09/06/2011	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/07/2011	ND	169	84.5	200	1.21		
DRO >C10-C28	225	10.0	09/07/2011	ND	171	85.3	200	0.811		

Surrogate: 1-Chlorooctane 110 % 55.5-154

Surrogate: 1-Chlorooctadecane 99.2 % 57.6-158

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 Hobbs NM, 88241
 Fax To: (505) 397-0397

Received:	09/02/2011	Sampling Date:	09/01/2011
Reported:	09/08/2011	Sampling Type:	Soil
Project Name:	US 13 FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 5 @ 1' (H101881-10)

BTEX 8021B		mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65	
Toluene*	<0.050	0.050	09/07/2011	ND	2.37	118	2.00	9.63	
Ethylbenzene*	<0.050	0.050	09/07/2011	ND	2.36	118	2.00	8.37	
Total Xylenes*	<0.150	0.150	09/07/2011	ND	7.07	118	6.00	8.03	

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 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	336	16.0	09/06/2011	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/07/2011	ND	169	84.5	200	1.21	
DRO >C10-C28	23.4	10.0	09/07/2011	ND	171	85.3	200	0.811	

Surrogate: 1-Chlorooctane 108 % 55.5-154

Surrogate: 1-Chlorooctadecane 101 % 57.6-158

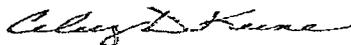
Sample ID: SP 6 @ SURFACE (H101881-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/06/2011	ND	416	104	400	3.77	

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Received:	09/02/2011	Sampling Date:	09/01/2011
Reported:	09/08/2011	Sampling Type:	Soil
Project Name:	US 13 FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 6 @ 6" (H101881-12)

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	09/06/2011	ND	416	104	400	3.77		

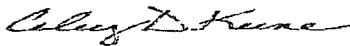
Sample ID: SP 7 @ SURFACE (H101881-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	09/06/2011	ND	416	104	400	3.77		

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*=Accredited Analyte

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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

CARDINAL LABORATORIES
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST											
Project Manager: Cliff Brunson		P.O. #:													
Address: P.O. Box 805		Company:													
City: Hobbs State: NM Zip: 88241		Attn:													
Phone #: 575-397-6388 Fax #: 575-397-0397		Address:													
Project #: Project Owner: CXY		City:													
Project Name: 115 1/3 Fed H 2		State: Zip:													
Project Location:		Phone #:													
Sampler Name: Jordan Woodfin		Fax #:													

Lab I.D.	Sample I.D.	G	C	RAB	OR	C	OMP.	MATRIX						PRESERV.		SAMPLING		DATE	TIME	CHLORIDES	BTEX	TPH
								GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER						
H101881																						
-1	S110 surface	G									X				X		9/11/11	1000	X			
2	S110 1'	G								X					X		9/11/11	1022	X			
3	S120 surface	G								X					X		9/11/11	1040	X	X	X	
4	S120 6"	G								X					X			1057	X	X	X	
5	S130 surface	G								X					X			1133	X			
6	S130 6"	G								X					X			1203	X			
7	S140 surface	G								X					X			1307	X	X	X	
8	S140 6"	G								X					X			1329	X	X	X	
9	S150 surface	G								X					X			1340	X	X	X	
10	S150 1'	G								X					X			1400	X	X	X	

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Relinquished By: Jordan Wood	Date: 9/11/11	Received By: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 11:00		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By: [Signature]	Date: 9/11/11	Received By: Jodie Henderson	REMARKS:	
	Time: 7:11			
Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)		
Sampler - UPS - Bus - Other:	Cool Intact			
	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	JWH		

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476

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