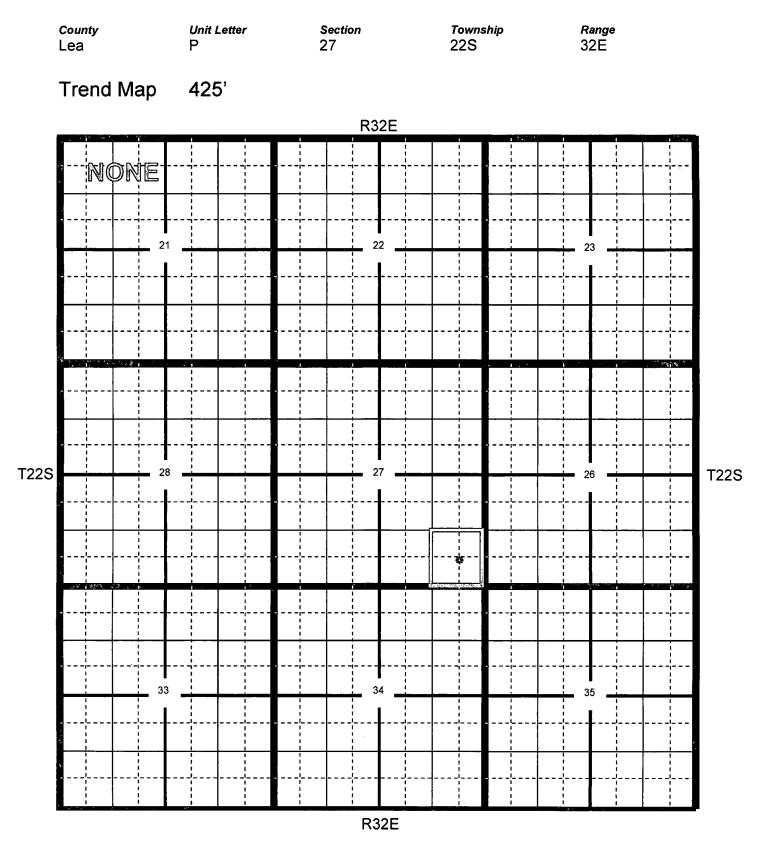


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Groundwater Plot

Oxy Prize 27 Federal #2 Battery



Location



Section Quarters

Oxy Prize 27 Federal #2 Battery

County Lea	<i>Unit Letter</i> P	Section Tow 27 22S	nship S	Range 32E	
Trend Map	425'				
	1		2	2	
NW/NW	NE/N	W NW	/NE	NE	NE
NONE			 		
Unit Letter D	Unit Lette	r C Unit L	etter B	Unit L	etter A
SW/NW	SE/N		NE	SE/	
			1 1 1		
	·				
			0 0 7 1		
Unit Letter E	Unit Letter	F Unit Le	tter G	Unit Le	tter H
NW/SW	NE/S	W NW	/SE	NE	SE
Unit Letter L	Unit Lette	r K Unit L	etter J	Unit L	etter I
SW/SW	SE/SV				SE
					e l
					4
Unit Letter M	Unit Letter	r N Unit Le	tter O	Unit Le	tter P
	3		2	ļ	

Location

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Laboratory Analytical Results Summary Prize 27 #2

	_	Sample	SP1 @ Surface	('SP1.@,1')	SP1 @ 2'
Analyte	Method	Date	4/10/13	4/10/13	4/10/13
			mg/Kg	mg/Kg	🖔 mg/Kg 🐫
Chloride	SM4500CI-B		160	32	32

		Sample	SP2 @	SP2 @ 1'	SP2 @ 2
Analyte	Method	Date	4/10/13	4/10/13	4/10/13
			mg/Kg	∽ mg/Kg	mg/Kg
Benzene	BTEX 8021B		4.18	<0.050	n/a
Toluene	BTEX 8021B		21.2	<0.050	n/a
Ethylbenzene	BTEX 8021B		18	<0.050	n/a
Total Xylenes	BTEX 8021B		58.2	<0.150	n/a
Total BTEX	BTEX 8021B		102	<0.300	n/a
Chloride	SM4500CI-B		256	48	<16.0
GRO	TPH 8015M		3350	<10.0	n/a
DRO	TPH 8015M		35800	136	n/a

		Sample	SP3 @ Surface	(SP3 @ 1'	, SP3 @ 2'
Analyte	Method	Date	4/10/13	4/10/13	4/10/13
			mg/Kg 🔩	🕺 mg/Kg 🔮	mg/Kg
Chloride	SM4500CI-B		320	64	<16.0

		Sample	SP4@	SP4 @ 1	(SP4 @ 2)
Analyte	Method	Date	4/10/13	4/10/13	4/10/13
			mg/Kg	🦾 mg/Kg 🕅	🦾 mg/Kg 🖑
Benzene	BTEX 8021B		3.44	<0.050	n/a
Toluene	BTEX 8021B		16.6	<0.050	n/a
Ethylbenzene	BTEX 8021B		13.9	<0.050	n/a
Total Xylenes	BTEX 8021B		45	<0.150	n/a
Total BTEX	BTEX 8021B		78.9	<0.300	n/a
Chloride	SM4500CI-B		352	32	32
GRO	TPH 8015M		2450	<10.0	n/a
DRO	TPH 8015M		35400	209	n/a

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Laboratory Analytical Results Summary PRIZE 27-2

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		Sample	SURFACE	SP1@1;	SP1@2%	SP1@3'	SP1 @ 4'
Analyte	Method	Date	11/8/13	11/8/13	11/8/13	11/8/13	11/8/13
			mg/Kg	; mg/Kg	mg/Kg	🦾 mg/Kg, 🦽	mg/Kg
Benzene	BTEX 8021B		n/a	<0.200	n/a	n/a	<0.050
Toluene	BTEX 8021B		n/a	<0.200	n/a	n/a	<0.050
Ethylbenzene	BTEX 8021B	~=	n/a	0.611	- n/a -	n/a .	<0.050
Total Xylenes	BTEX 8021B		n/a	1.02	n/a	n/a	<0.150
Total BTEX	BTEX 8021B		n/a	1.64	n/a	n/a	<0.300
Chloride	SM4500CI-B		17000	464	224	80	128
GRO	TPH 8015M		n/a	116	n/a	n/a	<10.0
DRO	TPH 8015M		n/a	2320	n/a	n/a	53.4

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		Sample	SP2 @	SP2 @ 1	SP2 @ 2' ;	SP2 @ 3'	#SP2 @ 4
Analyte	Method	Date	11/11/13	11/11/13	11/11/13	11/11/13	11/11/13
			mg/Kg	mg/Kg	mg/Kg	∽mĝ/Kg	à.≲mg/Kg≛⊰
Benzene	BTEX 8021B		n/a	<1.00	n/a	n/a	<0.050
Toluene	BTEX 8021B		n/a	2.3	n/a	n/a	<0.050
Ethylbenzene	BTEX 8021B		n/a	3.01	n/a	n/a	<0.050
Total Xylenes	BTEX 8021B		n/a	7.99	n/a	n/a	<0.150
Total BTEX	BTEX 8021B		n/a	13.3	n/a	n/a	< 0.300
Chloride	SM4500CI-B		5860	4800	1470	608	112
GRO	TPH 8015M		n/a	619	n/a	n/a	<10.0
DRO	TPH 8015M		n/a	5120	n/a	n/a	22.8

•		Sample	SP3@	SP3 @ 1'	SP3 @ 2'	• SP3 @ 3'	SP3 @ 4
Analyte	Method	Date	11/11/13	11/11/13	11/11/13	11/11/13	11/11/13
			mg/Kg	°⊊mg/Kg^	,∲mĝ/Kĝ≛ :	🐨 mg/Kg 🐴	s mg/Kg
Benzene	BTEX 8021B		n/a	<0.050	n/a	n/a	<0.050
Toluene	BTEX 8021B		n/a	<0.050	n/a	n/a	<0.050
Ethylbenzene	BTEX 8021B		n/a	<0.050	n/a	n/a	<0.050
Total Xylenes	BTEX 8021B		n/a	<0.150	n/a	n/a	<0.150
Total BTEX	BTEX 8021B	1	n/a	< 0.300	n/a	n/a	<0.300
Chloride	SM4500CI-B		11500	1090	1630	1800	192
GRO	TPH 8015M		n/a	<50.0	n/a	n/a	<10.0
DRO	TPH 8015M		n/a	503	n/a	n/a	61

		Sample	SURFACE	- SP4 @ 1'	.SP4 @ 2'	SP4@3"
Analyte	Method	Date	11/11/13	11/11/13	11/11/13	11/11/13
			mg/Kg 🐇	`≫mg/Kg 🍇	🕺 mg/Kg 💐	mg/Kg 🕵
Benzene	BTEX 8021B		n/a	<0.050	n/a	<0.050
Toluene	BTEX 8021B		n/a	<0.050	n/a	<0.050
Ethylbenzene	BTEX 8021B		n/a	0.254	n/a	<0.050
Total Xylenes	BTEX 8021B		n/a	0.307	n/a	<0.150
Total BTEX	BTEX 8021B	1	n/a	0.561	n/a	< 0.300
Chloride	SM4500CI-B		10100	1880	1220	192
GRO	TPH 8015M		n/a	<50.0	n/a	<10.0
DRO	TPH 8015M		n/a	520	n/a	122



April 18, 2013

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

RE: PRIZE 27 #2

Enclosed are the results of analyses for samples received by the laboratory on 04/12/13 9:00.

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 accredited certif.html.

Cardinal Laboratories is accreditated 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. Keine

Celey D. Keene Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ SURFACE (H300875-01)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 1 @ 1' (H300875-02)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 1 @ 2' (H300875-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2013	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

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Received:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ SURFACE (H300875-04)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.18	0.500	04/16/2013	ND	1.95	97.6	2.00	7.04	
Toluene*	21.2	0.500	04/16/2013	ND	1.94	96.8	2.00	6.83	
Ethylbenzene*	18.0	0.500	04/16/2013	ND	1.92	96.0	2.00	7.16	
Total Xylenes*	58.2	1.50	04/16/2013	ND	5.59	93.2	6.00	6.83	
Total BTEX	102	3.00	04/16/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	139 5	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/16/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Anaiyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3350	100	04/15/2013	ND	195	97.6	200	3.04	
DRO >C10-C28	35800	100	04/15/2013	ND	195	97.3	200	3.66	
Surrogate: 1-Chlorooctane	122 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	1430	% 63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

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Received:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 1' (H300875-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/16/2013	ND	1.95	97.6	2.00	7.04	
Toluene*	<0.050	0.050	04/16/2013	ND	1.94	96.8	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/16/2013	ND	1.92	96.0	2.00	7.16	
Total Xylenes*	<0.150	0.150	04/16/2013	ND	5.59	93.2	6.00	6.83	
Total BTEX	<0.300	0.300	04/16/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	109 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/16/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/15/2013	ND	195	97.6	200	3.04	
DRO >C10-C28	136	10.0	04/15/2013	ND	195	97.3	200	3.66	
Surrogate: 1-Chlorooctane	94.8 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	120 %	6 63.6-15	4						

Sample ID: SP 2 @ 2' (H300875-06)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/16/2013	ND	432	108	400	0.00	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ SURFACE (H300875-07)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					· · · · · · · · · · · · · · · · · · ·
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 3 @ 1' (H300875-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD .	Qualifier
Chloride	64.0	16.0	04/16/2013	ND	432	108	400	0.00	

Sample ID: SP 3 @ 2' (H300875-09)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	04/16/2013	ND	432	108	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager

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BBC Intern	ational, Inc.					
Cliff Brunse	Cliff Brunson					
P.O. Box 8	P.O. Box 805					
Hobbs NM,	88241					
Fax To:	(575) 397-0397					

Received:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ SURFACE (H300875-10)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.44	1.00	04/16/2013	ND	1.95	97.6	2.00	7.04	
Toluene*	16.6	1.00	04/16/2013	ND	1. 94	96.8	2.00	6.83	
Ethylbenzene*	13.9	1.00	04/16/2013	ND	1.92	96.0	2.00	7.16	
Total Xylenes*	45.0	3.00	04/16/2013	ND	5.59	93.2	6.00	6.83	
Total BTEX	78.9	6.00	04/16/2013	ND					
Surrogate: 4-Bromofluorobenzerie (PIL	152	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	04/16/2013	ND	432	108	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	2450	100	04/15/2013	ND	195	97.6	200	3.04	
DRO >C10-C28	35400	100	04/15/2013	ND	195	97.3	200	3.66	
Surrogate: 1-Chlorooctane	213	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	1520	% 63.6-15	4						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

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BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	04/12/2013	Sampling Date:	04/10/2013
Reported:	04/18/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ 1' (H300875-11)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	04/16/2013	ND	1.95	97.6	2.00	7.04	
Toluene*	<0.050	0.050	04/16/2013	ND	1.94	96.8	2.00	6.83	
Ethylbenzene*	<0.050	0.050	04/16/2013	ND	1.92	96.0	2.00	7.16	
Total Xylenes*	<0.150	0.150	04/16/2013	ND	5.59	93.2	6.00	6.83	
Total BTEX	<0.300	0.300	04/16/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/kg		Analyzed By: DW			<u> </u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/15/2013	ND	195	97.6	200	3.04	
DRO >C10-C28	209	10.0	04/15/2013	ND	195	97.3	200	3.66	
Surrogate: 1-Chlorooctane	88.4 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	121 %	6 63.6-15	4						

Sample ID: SP 4 @ 2' (H300875-12)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: DW		<u> </u>	<u> </u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	04/16/2013	ND	432	108	400	0.00	

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Celeg D. Keine

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.
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 SM4500CI-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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*=Accredited Analyte

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 8 of 10

CHAIN-OF-	CUSTODY	AND ANA	LYSIS	REOUFS

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476			AND ANALYSIS R	EQUEST
Company Name: BBC International, Inc.	P.O. #:		ANALYSIS REQUEST	(A)
Project Manager: Cliff Brunson				
Address: P.O. Box 805	Company:			
City: Hobbs State: NM Zip: 88241				
Phone #: 575-397-6388 Fax #: 575-397-0397	Address: SAME			
Project #: Project Owner: OXY	City:			
Project Name: PRIZE 27 #2	State: Zip:			
Project Location:	Phone #:			
Sampler Name: ROGER HER NUNDEZ	Fax #: PRESERV SAMPLING	S		
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10 SP4 C SURF BILL	1 10 13 1785			
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	IA A IA REMARKS	t: 🗆 Yes 🗆 No	Add'l Fax #:	
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Time:				
Delivered By: (Circle One) Sample Condition Sampler - UPS - Bus - Other: UP ves UP ves No No No	s (Initials)			

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

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Page:10 of 10



November 21, 2013

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

RE: PRIZE 27 #2

Enclosed are the results of analyses for samples received by the laboratory on 11/15/13 8:21.

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/ga/lab_accred_certif.html.

Cardinal Laboratories is accreditated 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,

Celeg D. Keine

Celey D. Keene Lab Director/Quality Manager



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	11/15/2013	Sampling Date:	11/08/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 1 @ SURFACE (H302790-01)

Chloride, SM4500Cl-B	mg,	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	17000	16.0	11/21/2013	ND	432	108	400	3.77	

Sample ID: SP 1 @ 1 FT (H302790-02)

BTEX 8021B	mg,	/kg	Analyzed By: MS			·		S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	11/18/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.200	0.200	11/18/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	0.611	0.200	11/18/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	1.02	0.600	11/18/2013	ND	6.19	103	6.00	2.34	
Total BTEX	1.64	1.20	11/18/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE 151 % 89.4-126

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	464	16.0	11/21/2013	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	116	50.0	11/15/2013	ND	182	91.1	200	5.05	
DRO >C10-C28	2320	50.0	11/15/2013	ND	182	90.8	200	6.00	
Surrogate: 1-Chlorooctane	67.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	127	% 63.6-15	4						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 2 of 14



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	11/15/2013	Sampling Date:	11/08/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 1 @ 2 FT (H302790-03)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/21/2013	ND	432	108	400	3.77	

Sample ID: SP 1 @ 3 FT (H302790-04)

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	11/21/2013	ND	432	108	400	3.77	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 14



		BBC Interr Cliff Bruns P.O. Box 8 Hobbs NM	805		
		Fax To:	(575) 397-0397	,	
Received:	11/15/2013			Sampling Date:	11/08/2013
Reported:	11/21/2013			Sampling Type:	Soil
Project Name:	PRIZE 27 #2			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Jodi Henson
Project Location:	C-29				

Sample ID: SP 1 @ 4 FT (H302790-05)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/18/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.050	0.050	11/18/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	<0.050	0.050	11/18/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	<0.150	0.150	11/18/2013	ND	6.19	103	6.00	2.34	
Total BTEX	<0.300	0.300	11/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	112 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	11/21/2013	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/15/2013	ND	182	91.1	200	5.05	
DRO >C10-C28	53.4	10.0	11/15/2013	ND	182	90.8	200	6.00	
Surrogate: 1-Chlorooctane	95.3 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	109 %	63.6-15	4						

Sample ID: SP 2 @ SURFACE (H302790-06)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP	<u></u>				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5860	16.0	11/21/2013	ND	432	108	400	3.77	

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager



BBC In	ternational, Inc.
Cliff Br	unson
P.O. Bo	x 805
Hobbs	NM, 88241
Fax То	: (575) 397-0397

Received:	11/15/2013	Sampling Date:	11/11/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 2 @ 1 FT (H302790-07)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	11/18/2013	ND	2.14	107	2.00	2.60	
Toluene*	2.30	1.00	11/18/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	3.01	1.00	11/18/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	7.99	3.00	11/18/2013	ND	6.19	103	6.00	2.34	
Total BTEX	13.3	6.00	11/18/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	127	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4800	16.0	11/21/2013	ND	432	108	400	3.77	
ГРН 8015M	mg,	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	619	100	11/15/2013	ND	182	91.1	200	5.05	
DRO >C10-C28	5120	100	11/15/2013	ND	182	90.8	200	6.00	

Surrogate: 1-Chlorooctane	172 %	65.2-140
Surrogate: 1-Chlorooctadecane	390 %	63.6-154

Sample ID: SP 2 @ 2 FT (H302790-08)

Chioride, SM4500Cl-B	s, SM4500Cl-B mg/kg		Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	11/21/2013	ND	432	108	400	3.77	

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BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	11/15/2013	Sampling Date:	11/11/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 2 @ 3 FT (H302790-09)

Chloride, SM4500Cl-B	loride, SM4500Cl-B mg/kg		Analyze	Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	608	16.0	11/21/2013	ND	432	108	400	3.77	

Sample ID: SP 2 @ 4 FT (H302790-10)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	<0.150	0.150	11/19/2013	ND	6.19	103	6.00	2.34	
Total BTEX	<0.300	0.300	11/19/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	11/21/2013	ND	432	108	400	3.77	

Chloride	112	16.0	11/21/2013	ND	432	108	400	3.77	
TPH 8015M	mg	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	11/15/2013	ND	182	91.1	200	5.05	
DRO >C10-C28	22.8	10.0	11/15/2013	ND	182	90.8	200	6.00	
Surrogate: 1-Chlorooctane	88.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	98.3	% 63.6-15	14						

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		BBC Inter	national, Inc.		
		Cliff Bruns	son		
		P.O. Box 8	305		
		Hobbs NM	l, 88241		
		Fax To:	(575) 397-0397	,	
Deseived	11/15/2012			Compling Data	11/11/2012
Received:	11/15/2013			Sampling Date:	11/11/2013
Reported:	11/21/2013			Sampling Type:	Soil
Project Name:	PRIZE 27 #2			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Jodi Henson
Project Location:	C-29				

Sample ID: SP 3 @ SURFACE (H302790-11)

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11500	16.0	11/21/2013	ND	432	108	400	3.77	

Sample ID: SP 3 @ 1' (H302790-12)

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	11/19/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	<0.150	0.150	11/19/2013	ND	6.19	103	6.00	2.34	
Total BTEX	<0.300	0.300	11/19/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	116 %	89.4-120	5						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

Chloride	1090	16.0	11/21/2013	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	11/15/2013	ND	182	91.1	200	5.05	
DRO >C10-C28	503	50.0	11/15/2013	ND	182	90.8	200	6.00	
Surrogate: 1-Chlorooctane	81.7	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	123 9	63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

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BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	11/15/2013	Sampling Date:	11/11/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 3 @ 2' (H302790-13)

Chloride, SM4500Cl-B	mg/kg		Analyzed By: AP					_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1630	16.0	11/21/2013	ND	432	108	400	3.77	

Sample ID: SP 3 @ 3' (H302790-14)

Chloride, SM4500Cl-B mg/kg		Analyze	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1800	16.0	11/21/2013	ND	432	108	400	3.77	

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Page 8 of 14



BBC Internat	tional, Inc.	
Cliff Brunson		
P.O. Box 805	5	
Hobbs NM, 8	8241	
Fax To:	(575) 397-0397	

Received:	11/15/2013	Sampling Date:	11/11/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 3 @ 4' (H302790-15)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/19/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	<0.150	0.150	11/19/2013	ND	6.19	103	6.00	2.34	
Total BTEX	<0.300	0.300	11/19/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	110 9	% 89.4-12	6						
Chloride, SM4500Cl-B m		kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	11/21/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	11/15/2013	ND	182	91.1	200	5.05	
DRO >C10-C28	61.0	10.0	11/15/2013	ND	182	90.8	200	6.00	
Surrogate: 1-Chlorooctane	93.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.8	% 63.6-15	4						

Sample ID: SP 4 @ SURFACE (H302790-16)

Chloride, SM4500Cl-B	mg/kg		Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10100	16.0	11/21/2013	ND	432	108	400	0.00	

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Page 9 of 14



BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241 Fax To: (575) 397-0397

Received:	11/15/2013	Sampling Date:	11/11/2013
Reported:	11/21/2013	Sampling Type:	Soil
Project Name:	PRIZE 27 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SP 4 @ 1 (H302790-17)

BTEX 8021B	mg/	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Benzene*	<0.050	0.050	11/19/2013	ND	2.14	107	2.00	2.60	
Toluene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.40	
Ethylbenzene*	0.254	0.050	11/19/2013	ND	2.12	106	2.00	2.58	
Total Xylenes*	0.307	0.150	11/19/2013	ND	6.19	103	6.00	2.34	
Total BTEX	0.561	0.300	11/19/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	150 \$	% 89.4-12	6						
Chloride, SM4500Cl-B n		/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
Chloride	1880	16.0	11/21/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
GRO C6-C10	<50.0	50.0	11/18/2013	ND	215	108	200	0.572	
DRO >C10-C28	520	50.0	11/18/2013	ND	210	105	200	2.06	
Surrogate: 1-Chlorooctane	70.3	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	132 9	% 63.6-15	1						

Sample ID: SP 4 @ 2 (H302790-18)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	11/21/2013	ND	432	108	400	0.00	

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C-29

Analytical Results For:

		BBC Inter	national, Inc.		
		Cliff Bruns	son		
		P.O. Box 8	305		
		Hobbs NM	l, 88241		
		Fax To:	(575) 397-0397	,	
Received:	11/15/2013			Sampling Date:	11/11/2013
Reported:	11/21/2013			Sampling Type:	Soil
Project Name:	PRIZE 27 #2			Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN			Sample Received By:	Jodi Henson

Sample ID: SP 4 @ 3 (H302790-19)

Project Location:

BTEX 8021B	mg/	'kg	Analyze	d By: MS								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Benzene*	<0.050	0.050	11/19/2013	ND	2.14	107	2.00	2.60				
Toluene*	<0.050	0.050 ·	11/19/2013	ND	2.12	106	2.00	2.40				
Ethylbenzene*	<0.050	0.050	11/19/2013	ND	2.12	106	2.00	2.58				
Total Xylenes*	<0.150	0.150	11/19/2013	ND	6.19	103	6.00	2.34				
Total BTEX	<0.300	0.300	11/19/2013	ND								
Surrogate: 4-Bromofluorobenzene (PIL	1129	% 89.4-12	6									
Chloride, SM4500CI-B	loride, SM4500Cl-B mg/kg		Analyze	d By: AP								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
Chloride	192	16.0 [`]	11/21/2013	ND	432	108	400	0.00				
TPH 8015M	mg/	'kg	Analyze	d By: MS								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier			
GRO C6-C10	<10.0	10.0	11/18/2013	ND	215	108	200	0.572				
DRO >C10-C28	122	10.0	11/18/2013	ND	210	105	200	2.06				
Surrogate: 1-Chlorooctane	93.4 9	65.2-14	0									
Surrogate: I-Chlorooctadecane	125 9	63.6-15	4									

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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 SM4500CI-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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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ARDINAL LABORATORIES

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

Company Name	BBC International, Inc.						117	44 70				A	NAL	YSIS	S RE	QUE	ST			
	Cliff Brunson		_			P.O. #.			1											
Address: P.O.	Box 805					Compa	iny:	······································	7	· . · ·						(. [.] .			·	•
City: Hobbs	State: NM	Zip:	88241			Attn:	~	$\overline{\Lambda}$	1				·							
	397-6388 Fax #: 575	-397-0	397			Addre	ss:\	ANR	1								•		·	
Project #:	Project Owner	: 08	3			City:		11100	1								•			
Project Name:	Drize 27.2		1			State:	7	Rip:												
Project Location	· (-29					Phone	#: /	/	1											
Sampler Name:						Fax #:	Ζ			ł									1 '	
FOR LAB USE ONLY			— —	MATR	X	PRI	SERV	SAMPLING]											
Lab I.D. H <i>30279D</i>	Sample I.D.	(G)RAB OR (C)OMF # CONTAINERS	GROUNDWATER WASTEWATER	SOIL	SLUDGE	OTHER : ACID/BASE:	ICE / COOL OTHER :	DATE TIME	- 1 / .	10#	13:70									
	SP1 & SurFace	G_		X			XL	11-8-13 1:50	X											
2	SPIC 2F+	6		K			<u>X</u>	11-8-13 2:10	X	X	X									
3	SPIQ2Ft	6		X	·		<u>k</u>	11-8-13 2:30			<u> </u>									
4	SP 1@ 3Ft	G_		X	+		Ϋ́	18-132:48		+										
5	50104F+	\mathcal{G}_{-}	┨─┤┯	X	+		<u>사</u>	11-8-13 3:10	L K	ĻΧ.	<u> X_</u>				_ <u></u>					
<u> </u>	SP 20 Swiface	G	╉╌┼╴	XX	++			11-11-1310:000		-	X		-					-		
8	SP2C2Ft	6	╂┼╍	Ŕ	+		$\frac{1}{x}$	<u>11-11-13 10:20</u> 11-11-13 10:35	_	X										
- G	SP2C-3Ft	Et		Ŕ	+		X	11-11-13 10:33		+	┠╼╼╼┤					<u> </u>				
īD	SP2C-4Ft	6		X			X _	0-11-13 (11)		K	X									

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affiliates or successors arising out of or related to the performance			uch claim is based up	on any of the above stated r	easons or otherwise.			· · ·		
Relinquished By:	Date: 215	Received By:			Phone Result:	☐ Yes	No No	Add'l Phone #:		
	C ICIII	1n is	M		Fax Result:	C Yes	D No	Add'I Fax #:		
-CD	Time 8.21	Jac	Ser	son	REMARKS:					
Relinguished By:	Bate:	Received By:			1					
		•								
	Time:	· ;								
					- ·					
Delivered By: (Circle One)			Condition	CHECKED/BY:	1					
Sampler - UPS - Bus - Other:	5	6 L Lyes	Yes	THE AND					•	
		farring the second		2 2 /2						

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2428

Sec. 4

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1

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ARDINAL LABORATORIES

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

Company Name: BBC International, Inc.		GAL TO		ANALYSIS	S REQUEST
Project Manager: Cliff Brunson		P.O. #:			
Address: P.O. Box 805		Company:			
City: Hobbs State: NM	Zip: 88241	Attn: of AA			
Phone #: 575-397-6388 Fax #: 575-	397-0397	Address:			
Project #: Project Owner:		City:			
Project Name: Prize 27-2		State: Zip:			
Project Location: C-29		Phone #:			
Sampler Name: Gurin Fog		Fax #:			
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING			
Lab I.D. Sample I.D.	(C)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL	OTHER : OTHER : OTHER : OTHER :	CL- TPH BTex		
11 \$1.3 a Surface	6 X	11/11/13 11:30	X		
12.5/2 @ !	6 X	11/11/13 11/45	XXX		
13-303 @2'	6 8	101113 1158	$ \times $		
14-303 2031	6 4	11/11/13 1236	X		
15 503041	G X	1/11/13 1:00	$X \times X$		
16-509 a) Surface	G X	11113 145	X		
17-564 (2)	GX	11/11/13 2-15	$X \times X$		
36 4 2 2	GX	111113 238	X		
19 3p 4 w 3	G X	11/11/3 255	XXX		
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service. In no event shall Cardinal be liable for incidental of consequentia damages, including without immission, pusiness metrophons, loss or use, or loss or profits inclured by client, its subsidiaries,

	Relinquished Britished Britished by the pertormance	Date	Describer 1 Desc	A l		Phone Result:	1 Yes	🗆 No	Add'i Phone #:	
		<u> 5 -</u>	2/nd	· //.	. 1 .	Fax Result:	□ Yes		Add'i Fax #:	
4		1"8.21	um	, Al	NSON	REMARKS:				
	Relinquished By:	Date:	Received By:							
		Time:						•		
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ł	Delivered By: (Circle One)	<u> </u>		e Condition	CHECKED BY				•	
	Sampler - UPS - Bus - Other:		21.9 Cool	Intact Is Ares	(Initials)//					
1	Sampler - 0-3 - Bus - Obiel.				LM					

#54

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-24

District I 1625 N. French Dr., Hobbs, NM 88240 District II 1301 W. Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

> Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505

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Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

			Rel	ease Notifie	catio	n and Co	orrective A	ctior	1				
		Oxy Permia				OPERAT			Initi	al Report		Final Repor	
Name of Co			Contact CJ Summers										
	1017 W. S		Telephone No. (575) 397-8216										
Facility Nar	ne Prize	27 Federal #		Facility Type Battery									
Surface Ow	ner BLM	Dwner	er API No. 30-025-31902										
					· · · · · · · · · · · · · · · · · · ·	N OF REI				, 			
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/V	ast/West Line County				
P	27	228	660'		South 660'			East Lea					
			1	atitude <u>N 32.3</u> NAT		Longitu OF RELI	de <u>W 103.6561</u> E ASE	<u>7°</u>					
Type of Relea		iced water		·····		Volume of				Recovered	60		
spill			ansfer pur	np caused a tank t	to over	04/1/2013	lour of Occurrenc	e	Date and	Hour of Dis	cover	ſŷ	
Was Immedia	ite Notice C		Yes 🗌	No 🔲 Not R	equired	If YES, To Jennifer Va	Whom? in Curen-BLM, Ji	m Amo	os-BLM and	d Geoffrey I	_ekin	g-OCD	
By Whom?	Chancey S					Date and H	lour 04/2/2013 @	10:02	am				
Was a Watero	course Reac	hed?	Yes 🛛	No		If YES, Vo	lume Impacting t	he Wat	ercourse.				
Describe Cau Loss of power via vacuum tr	r to transfer	pump caused	a tank to	n Taken.* over spill 70 bbls	of prod	uced water to	leak onto the gro	und. 60) bbls of pr	oduced wate	er we	re recovered	
Describe Area	Affected a	nd Cleanup A	ction Tak	en.*									
	vater were r			wer to transfer pu uck and power wa									
regulations all public health of should their of	operators a or the envir perations ha ment. In ac	are required to onment. The ave failed to a Idition, NMO	report an acceptanc dequately CD accep	is true and comp. d/or file certain re e of a C-141 repo investigate and re tance of a C-141 r	elease no ort by the emediate	otifications an NMOCD ma e contaminatio	d perform correct arked as "Final Re on that pose a thre	tive acti port" d at to gr	ions for rele oes not reli ound water	eases which ieve the oper r, surface wa	may tator ater, h	endanger of liability uman health	
()			OIL CONS	SERV	ATION	DIVISIC)N		
Signature:	\leq		\sim	·									
Printed Name: Chancey Summers Approved by District Supervisor:													
Title: HES	Specialist				1	Approval Date		1	Expiration 1	Date:			
E-mail Addres	ss: Chanc	ey.Summers(Øoxy.com		(Conditions of Approval:				Attached 🔲			
Date: 24/8	115	te If Necess		ne: (575) 397-821	16					1			

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Attach Additional Sheets If Necessary

Oil Conservation Division

Submit 2 Copies to appropriate District Office in accordance

1000 G dt D					n St. France, NM 875			with Rule 116 on back side of form						
	**=	····	Rele				orrective A	ction						
						OPERA	ГOR	Σ	🛛 Initia	al Report		Final Repor		
Name of Co		Oxy Permia				the second s	J Summers					*		
		tanolind Rd.		MM		Telephone 1		7-8216						
Facility Nat	ne Prize	27 Federal	#2			Facility Typ	e Battery							
Surface Owner BLM Mineral Owner							er API No. 30-025-31902							
				LOCA	ATIO	N OF REI	LEASE							
Unit Letter							Feet from the	East/We	st Line	County				
a	27	225	2015	660'		Fauth	6601	E	-+	Taa				
P	27	22\$	32E			South	660'	Ea	st	Lea				
			1	atitude <u>N 32.3</u>	<u>5709°</u>	Longitu	de <u>W 103.6561</u>	<u>.7°</u>						
				NAT	URE	OF REL	EASE							
Type of Rele		uced water				Volume of	Release 200 b	bis V	/olume I	lecovered	180	bbls		
Source of Re	lease Faul	ty check valve	e on the wa	ater transfer pump	þ	Date and H 04/29/2013	Iour of Occurrenc	e I	Date and	Hour of Dis	covery	,		
Was Immedi	ate Notice (• 1	If YES, To								
		A	Yes	No 🔲 Not R	equired	Jenniter Va	an Curen-BLM, J	im Amos-i	BLM and	I Geoffrey I	eking-	OCD		
By Whom?						Date and Hour 05/01/2013 @ 10:07 am								
Was a Water	course Read		Yes 🛛	No		If YES, Volume Impacting the Watercourse.								
If a Watercou		L_												
Describe Cau														
A faulty chec via vacuum ti	k valve on the uck and the	the water tran e valve was re	sfer pump paired.	caused 200 bbls	of produ	ced water to l	eak onto the grou	und. 180 b	bls of pr	oduced wate	er were	recovered		
Describe Are	a Affected a	and Cleanup A	Action Tak	en.*										
							eak onto the grou ance with an appr							
regulations al public health should their o	l operators or the envir perations have ment. Ip-a	are required to connent. The ave failed to a ddition, NMC	o report an acceptanc idequately CD accept	d/or file certain r e of a C-141 repo investigate and r	elease no ort by the emediate	otifications ar NMOCD ma contamination	knowledge and u ad perform correc arked as "Final Roon that pose a three the operator of r	tive action eport" doe: eat to grou	s for rele s not reli nd water	eases which eve the open , surface wa	may e ator o ter, hu	ndanger f liability man health		
Signature				OIL CONSERVATION DIVISION										
Printed Name	: Chance	y Summers				Approved by	District Supervise	or:						
Title: HES	Specialist					Approval Date: Expiration Date:								
E-mail Addre Date: 5/	· ·	cey.Summers		ne: (575) 397-821		Conditions of Approval: Attached								

Date: 5/8/13 * Attach Additional Sheets If Necessary

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