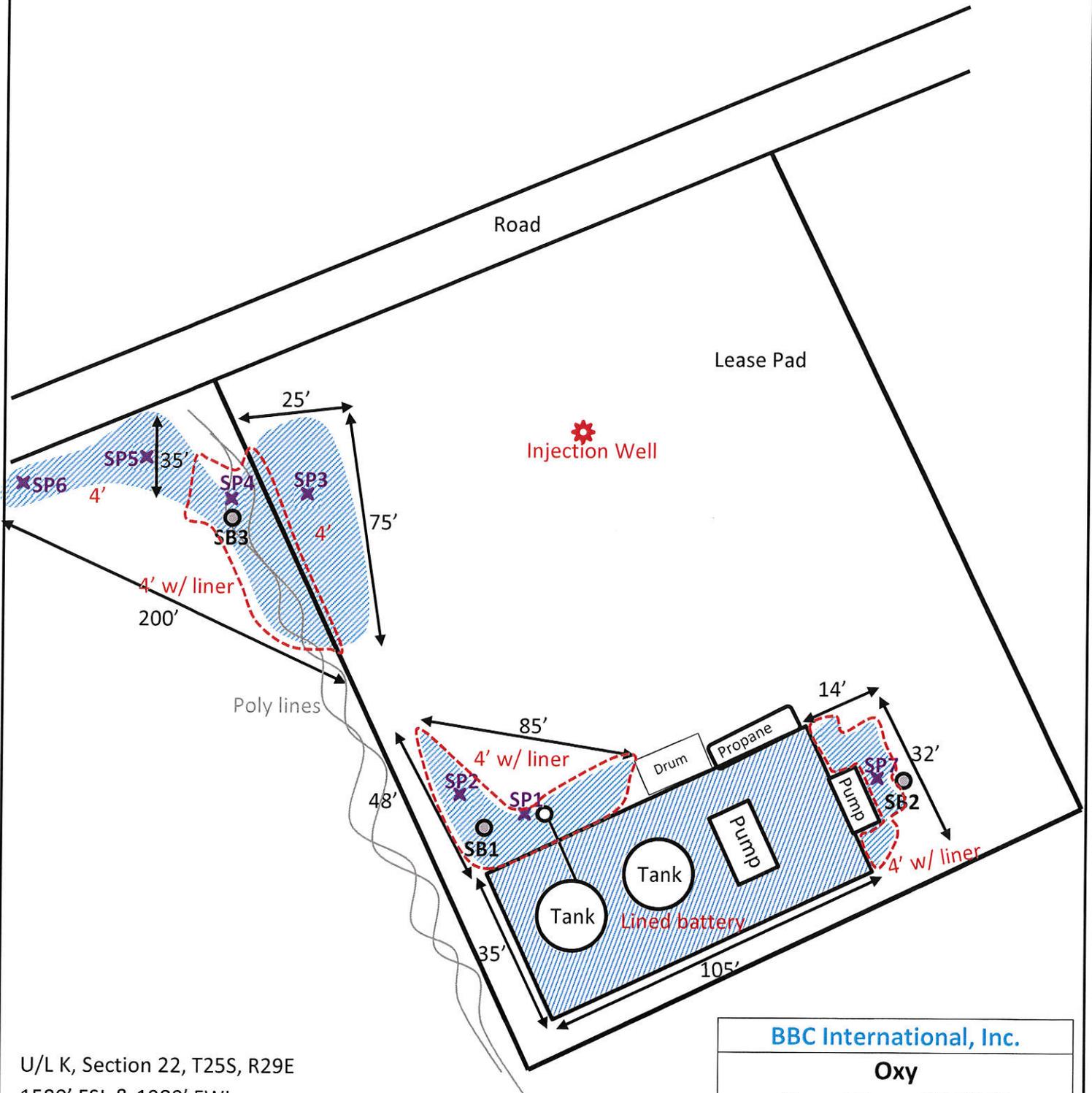




Oxy
Corral Draw #2



U/L K, Section 22, T25S, R29E
1580' FSL & 1980' FWL
Eddy County, NM
N 32.11249° W 103.97449°
API# 30-015-21425

BBC International, Inc.	
Oxy Corral Draw #2 SWD	
Date: 02/26/2014	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2014

Groundwater Plot

Oxy Corral Draw #2

County
Eddy

Unit Letter
K

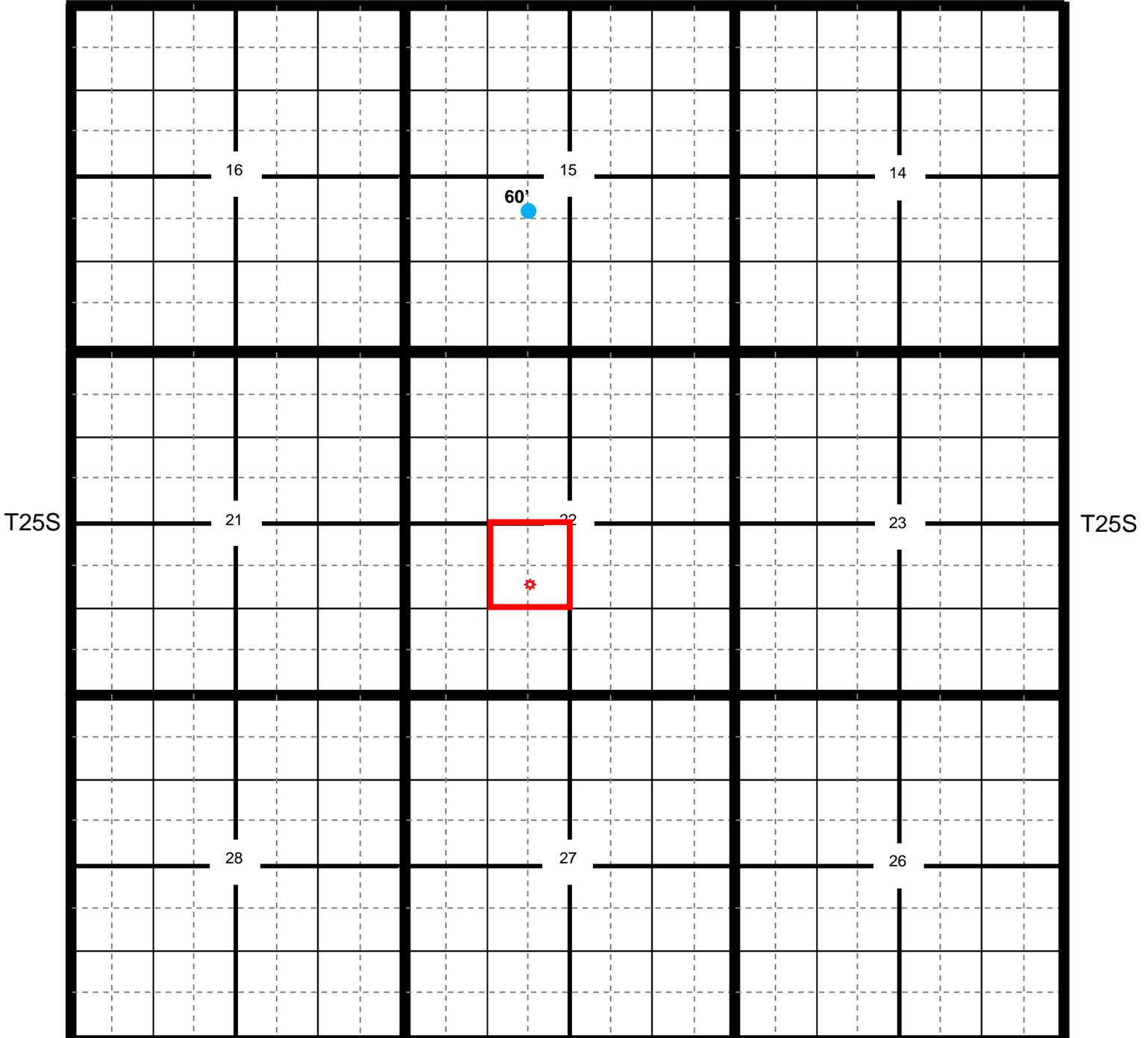
Section
22

Township
25S

Range
29E

Trend Map 150'

R29E



🌟 Location

● OCD

● USGS

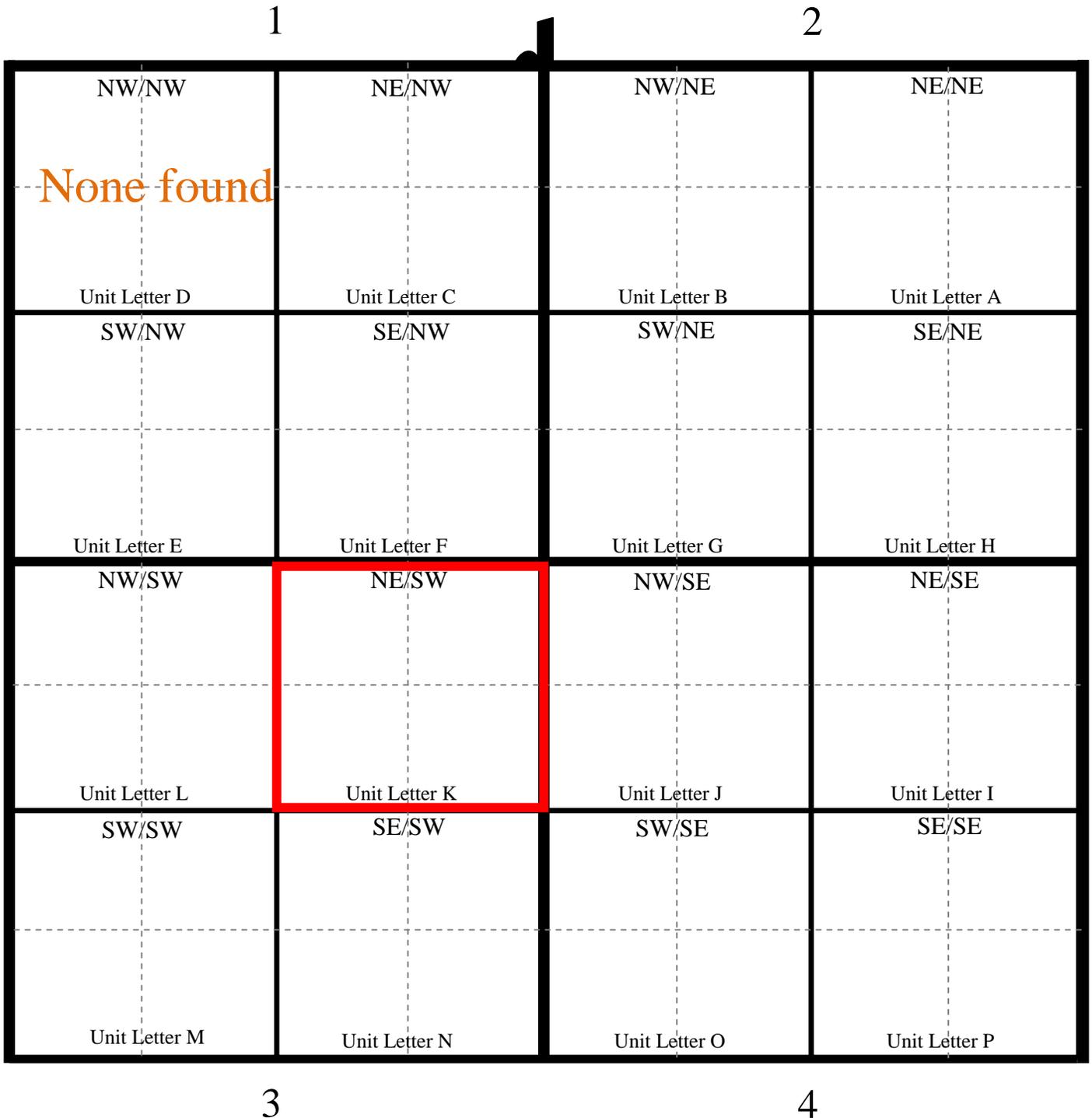
● SEO

● All Databases

Oxy Corral Draw #2

County Eddy Unit Letter K Section 22 Township 25S Range 29E

Trend Map 150'



**Laboratory Analytical Results Summary
Corral Draw #2**

		Sample	SP1 @ 1'	SP1 @ 4'	SP1 @ 8'	SP1 @ 12'	SP1 @ 18'
Analyte	Method	Date	3/20/14	3/20/14	3/20/14	3/20/14	3/20/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		656	2440	1760	2320	2560
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 4'	SP2 @ 8'	SP2 @ 12'	SP2 @ 18'
Analyte	Method	Date	3/24/14	3/24/14	3/24/14	3/24/14	3/24/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		624	2680	3680	3280	3120
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP3 @ 1'	SP3 @ 4'	SP3 @ 8'	SP3 @ 12'	SP3 @ 16'
Analyte	Method	Date	3/24/14	3/24/14	3/25/14	3/25/14	3/25/14
			mg/Kg	mg/Kg	mg/Kg	25-Mar	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		40000	10100	864	384	176
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP4 @ 1'	SP4 @ 4'	SP4 @ 8'	SP4 @ 12'	SP4 @ 18'
Analyte	Method	Date	3/25/14	3/25/14	3/25/14	3/25/14	3/25/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		4880	10300	5600	4640	3840
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

**Laboratory Analytical Results Summary
Corral Draw #2**

		Sample	SP5 @ 1'	SP5 @ 4'	SP5 @ 8'	SP5 @ 12'	SP5 @ 15'
Analyte	Method	Date	3/26/14	3/26/14	3/26/14	3/26/14	3/26/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		2000	8640	992	720	256
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP6 @ 1'	SP6 @ 4'	SP6 @ 8'	SP6 @ 12'	SP6 @ 15'
Analyte	Method	Date	3/26/14	3/26/14	3/26/14	3/26/14	3/26/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		1600	8200	976	720	208
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

		Sample	SP7 @ 1'	SP7 @ 4'	SP7 @ 8'	SP7 @ 12'	SP7 @ 18'
Analyte	Method	Date	3/27/14	3/27/14	3/27/14	3/27/14	3/27/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		416	9600	12800	11000	12200
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a

**Laboratory Analytical Results Summary
Corral Draw #2**

		Sample	SB1 @ 18'	SB1 @ 25'	SB1 @ 30'	SB1 @ 35'	SB1 @ 43'	SB1 @ 51'	SB1 @ 54'	SB1 @ 56'
Analyte	Method	Date	7/1/14	7/1/14	7/1/14	7/1/14	7/1/14	7/1/14	7/1/14	7/1/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		4000	2960	2600	2440	1120	272	176	128

		Sample	SB2 @ 23'	SB2 @ 28'	SB2 @ 33'	SB2 @ 38'	SB2 @ 43'	SB2 @ 46'
Analyte	Method	Date	7/1/14	7/1/14	7/1/14	7/1/14	7/1/14	7/1/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		7120	6960	640	288	272	144

		Sample	SB3 @ 23'	SB3 @ 28'	SB3 @ 33'	SB3 @ 38'	SB3 @ 40'
Analyte	Method	Date	7/1/14	7/1/14	7/1/14	7/1/14	7/1/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		3600	3600	272	112	176



April 04, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CORRAL DRAW #2

Enclosed are the results of analyses for samples received by the laboratory on 03/28/14 12:00.

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 cursive script that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	03/28/2014	Sampling Date:	03/20/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SP 1 @ 1' (H400930-01)

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	04/01/2014	ND	2.28	114	2.00	8.45	
Toluene*	<0.050	0.050	04/01/2014	ND	2.18	109	2.00	8.38	
Ethylbenzene*	<0.050	0.050	04/01/2014	ND	2.13	106	2.00	8.60	
Total Xylenes*	<0.150	0.150	04/01/2014	ND	6.26	104	6.00	7.23	
Total BTEX	<0.300	0.300	04/01/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	04/02/2014	ND	400	100	400	0.00	

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	04/01/2014	ND	208	104	200	5.39	
DRO >C10-C28	<10.0	10.0	04/01/2014	ND	217	109	200	2.49	

Surrogate: 1-Chlorooctane 95.4 % 65.2-140
Surrogate: 1-Chlorooctadecane 96.6 % 63.6-154
Sample ID: SP 1 @ 4' (H400930-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	04/02/2014	ND	400	100	400	3.92	

Cardinal Laboratories

*=Accredited Analyte

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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: (575) 397-0397

Received:	03/28/2014	Sampling Date:	03/20/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SP 1 @ 8' (H400930-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1760	16.0	04/02/2014	ND	400	100	400	3.92	

Sample ID: SP 1 @ 12' (H400930-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2320	16.0	04/02/2014	ND	400	100	400	3.92	

Sample ID: SP 1 @ 18' (H400930-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2560	16.0	04/02/2014	ND	400	100	400	3.92	

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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: (575) 397-0397

Received:	03/28/2014	Sampling Date:	03/24/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SP 2 @ 1' (H400930-06)

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	04/01/2014	ND	2.28	114	2.00	8.45	
Toluene*	<0.050	0.050	04/01/2014	ND	2.18	109	2.00	8.38	
Ethylbenzene*	<0.050	0.050	04/01/2014	ND	2.13	106	2.00	8.60	
Total Xylenes*	<0.150	0.150	04/01/2014	ND	6.26	104	6.00	7.23	
Total BTEX	<0.300	0.300	04/01/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	04/02/2014	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	04/01/2014	ND	208	104	200	5.39	
DRO >C10-C28	<10.0	10.0	04/01/2014	ND	217	109	200	2.49	

Surrogate: 1-Chlorooctane 93.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.0 % 63.6-154

Sample ID: SP 2 @ 4' (H400930-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2680	16.0	04/02/2014	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	03/28/2014	Sampling Date:	03/24/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SP 2 @ 8' (H400930-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3680	16.0	04/02/2014	ND	400	100	400	3.92	

Sample ID: SP 2 @ 12' (H400930-09)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3280	16.0	04/02/2014	ND	400	100	400	3.92	

Sample ID: SP 2 @ 18' (H400930-10)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	04/02/2014	ND	400	100	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

 BBC International, Inc.
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	03/28/2014	Sampling Date:	03/24/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SP3 @ 1' (H400930-11)

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	04/01/2014	ND	2.28	114	2.00	8.45		
Toluene*	<0.050	0.050	04/01/2014	ND	2.18	109	2.00	8.38		
Ethylbenzene*	<0.050	0.050	04/01/2014	ND	2.13	106	2.00	8.60		
Total Xylenes*	<0.150	0.150	04/01/2014	ND	6.26	104	6.00	7.23		
Total BTEX	<0.300	0.300	04/01/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	40000	16.0	04/02/2014	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	04/01/2014	ND	208	104	200	5.39		
DRO >C10-C28	<10.0	10.0	04/01/2014	ND	217	109	200	2.49		

Surrogate: 1-Chlorooctane 91.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 89.4 % 63.6-154

Sample ID: SP3 @ 4' (H400930-12)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10100	16.0	04/02/2014	ND	400	100	400	3.92		

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Celey D. Keene, Lab Director/Quality Manager

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

 Received: 03/28/2014
 Reported: 04/04/2014
 Project Name: CORRAL DRAW #2
 Project Number: NONE GIVEN
 Project Location: MALAGA, NM

 Sampling Date: 03/25/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP3 @ 8' (H400930-13)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	04/02/2014	ND	400	100	400	3.92	

Sample ID: SP3 @ 12' (H400930-14)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/02/2014	ND	400	100	400	3.92	

Sample ID: SP3 @ 16' (H400930-15)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	04/02/2014	ND	400	100	400	3.92	

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Analytical Results For:

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

Received:	03/28/2014	Sampling Date:	03/25/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SP4 @ 1' (H400930-16)

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	04/02/2014	ND	2.64	132	2.00	4.76	
Toluene*	<0.050	0.050	04/02/2014	ND	2.55	128	2.00	5.08	
Ethylbenzene*	<0.050	0.050	04/02/2014	ND	2.51	126	2.00	4.96	
Total Xylenes*	<0.150	0.150	04/02/2014	ND	7.31	122	6.00	5.65	
Total BTEX	<0.300	0.300	04/02/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4880	16.0	04/02/2014	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	04/01/2014	ND	208	104	200	5.39	
DRO >C10-C28	<10.0	10.0	04/01/2014	ND	217	109	200	2.49	

Surrogate: 1-Chlorooctane 82.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 76.1 % 63.6-154

Sample ID: SP4 @ 4' (H400930-17)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10300	16.0	04/02/2014	ND	400	100	400	3.92	

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Analytical Results For:

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

 Received: 03/28/2014
 Reported: 04/04/2014
 Project Name: CORRAL DRAW #2
 Project Number: NONE GIVEN
 Project Location: MALAGA, NM

 Sampling Date: 03/25/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP4 @ 8' (H400930-18)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5600	16.0	04/02/2014	ND	400	100	400	3.92	

Sample ID: SP4 @ 12' (H400930-19)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4640	16.0	04/02/2014	ND	400	100	400	3.92	

Sample ID: SP4 @ 18' (H400930-20)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3840	16.0	04/02/2014	ND	400	100	400	3.92	

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Received:	03/28/2014	Sampling Date:	03/26/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SP5 @ 1' (H400930-21)

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	04/02/2014	ND	2.64	132	2.00	4.76	
Toluene*	<0.050	0.050	04/02/2014	ND	2.55	128	2.00	5.08	
Ethylbenzene*	<0.050	0.050	04/02/2014	ND	2.51	126	2.00	4.96	
Total Xylenes*	<0.150	0.150	04/02/2014	ND	7.31	122	6.00	5.65	
Total BTEX	<0.300	0.300	04/02/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	04/02/2014	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	04/01/2014	ND	208	104	200	5.39	
DRO >C10-C28	<10.0	10.0	04/01/2014	ND	217	109	200	2.49	

Surrogate: 1-Chlorooctane 95.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.1 % 63.6-154

Sample ID: SP5 @ 4' (H400930-22)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8640	16.0	04/02/2014	ND	432	108	400	0.00	

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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: (575) 397-0397

 Received: 03/28/2014
 Reported: 04/04/2014
 Project Name: CORRAL DRAW #2
 Project Number: NONE GIVEN
 Project Location: MALAGA, NM

 Sampling Date: 03/26/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP5 @ 8' (H400930-23)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	992	16.0	04/02/2014	ND	432	108	400	0.00	

Sample ID: SP5 @ 12' (H400930-24)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	04/02/2014	ND	432	108	400	0.00	

Sample ID: SP5 @ 15' (H400930-25)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/02/2014	ND	432	108	400	0.00	

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Received:	03/28/2014	Sampling Date:	03/26/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SP6 @ 1' (H400930-26)

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	04/02/2014	ND	2.64	132	2.00	4.76	
Toluene*	<0.050	0.050	04/02/2014	ND	2.55	128	2.00	5.08	
Ethylbenzene*	<0.050	0.050	04/02/2014	ND	2.51	126	2.00	4.96	
Total Xylenes*	<0.150	0.150	04/02/2014	ND	7.31	122	6.00	5.65	
Total BTEX	<0.300	0.300	04/02/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	04/02/2014	ND	432	108	400	0.00	

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	04/01/2014	ND	208	104	200	5.39	
DRO >C10-C28	<10.0	10.0	04/01/2014	ND	217	109	200	2.49	

Surrogate: 1-Chlorooctane 99.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 94.0 % 63.6-154

Sample ID: SP6 @ 4' (H400930-27)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	04/02/2014	ND	432	108	400	0.00	

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	03/28/2014	Sampling Date:	03/26/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SP6 @ 8' (H400930-28)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	976	16.0	04/02/2014	ND	432	108	400	0.00	

Sample ID: SP6 @ 12' (H400930-29)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	04/02/2014	ND	432	108	400	0.00	

Sample ID: SP6 @ 15' (H400930-30)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	208	16.0	04/02/2014	ND	432	108	400	0.00	

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Received:	03/28/2014	Sampling Date:	03/27/2014
Reported:	04/04/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SP7 @ 1' (H400930-31)

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	04/02/2014	ND	2.64	132	2.00	4.76	
Toluene*	<0.050	0.050	04/02/2014	ND	2.55	128	2.00	5.08	
Ethylbenzene*	<0.050	0.050	04/02/2014	ND	2.51	126	2.00	4.96	
Total Xylenes*	<0.150	0.150	04/02/2014	ND	7.31	122	6.00	5.65	
Total BTEX	<0.300	0.300	04/02/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	04/02/2014	ND	432	108	400	0.00	

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	04/01/2014	ND	208	104	200	5.39	
DRO >C10-C28	<10.0	10.0	04/01/2014	ND	217	109	200	2.49	

Surrogate: 1-Chlorooctane 108 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

Sample ID: SP7 @ 4' (H400930-32)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9600	16.0	04/02/2014	ND	432	108	400	0.00	

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

 Received: 03/28/2014
 Reported: 04/04/2014
 Project Name: CORRAL DRAW #2
 Project Number: NONE GIVEN
 Project Location: MALAGA, NM

 Sampling Date: 03/27/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP7 @ 8' (H400930-33)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12800	16.0	04/02/2014	ND	432	108	400	0.00	

Sample ID: SP7 @ 12' (H400930-34)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11000	16.0	04/02/2014	ND	432	108	400	0.00	

Sample ID: SP7 @ 18' (H400930-35)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12200	16.0	04/02/2014	ND	432	108	400	0.00	

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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



Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

214

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV	SAMPLING	DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H488730	SP301	G	1								3-24	225	CL- BTX TPH	
	04	G	1								3-24	251		
	06	G	1								3-25	923		
	012	G	1									1030		
	016	G	1									1200		
	04	G	1									139		
	08	G	1									230		
	012	G	1									300		
	010	G	1									327		

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Relinquished By:

[Signature]

Date: 3-25-04 Received By:

[Signature]

Time: 12:00

Date:

Time:

Received By:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

5.60

Sample Condition
 Cool Intact
 Yes No

CHECKED BY: *[Signature]*

Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:

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

#54



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3/4

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

(G)RAB OR (C)OMP.
 # CONTAINERS
 MATRIX
 GROUNDWATER
 WASTEWATER
 SOIL
 OIL
 SLUDGE
 OTHER:
 ACID/BASE:
 ICE / COOL
 OTHER:

PRESERV

SAMPLING

DATE
TIME

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	CL-TPH-BTEX
H0009140	SP5001	G	1	GROUNDWATER			3-26	040	/
91	004	G	1	GROUNDWATER				015	/
92	008	G	1	GROUNDWATER				1005	/
93	012	G	1	GROUNDWATER				1100	/
94	015	G	1	GROUNDWATER				1148	/
95	015	G	1	GROUNDWATER				1259	/
96	015	G	1	GROUNDWATER				115	/
97	015	G	1	GROUNDWATER				141	/
98	015	G	1	GROUNDWATER				212	/
99	015	G	1	GROUNDWATER				300	/

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Relinquished By: *[Signature]*
 Date: 3/20/14
 Time: 5:20 PM
 Received By: *[Signature]*

Delivered By: (Circle One)
 UPS Bus Other:
 Sample Condition: Cool Intact
 Checked By: *[Signature]*

REMARKS:
 Phone Result: Yes No
 Add'l Phone #:
 Fax Result: Yes No
 Add'l Fax #:
 5602
 454

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

9/14

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST

Project Manager: Cliff Brunson P.O. #: _____ Company: _____

Address: P.O. Box 805 State: NM Zip: 88241 Attn: _____

City: Hobbs Fax #: 575-397-0397 Address: _____

Phone #: 575-397-6388 Project Owner: *OKY* City: _____ State: _____ Zip: _____

Project #: _____ Project Location: *Corral Draw # 21* State: _____ Zip: _____

Project Name: *Marl 2-1-95* Phone #: _____

Sampler Name: *PH Drumples* Fax #: _____

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
<i>4400040</i>	<i>SP701</i>		<i>1</i>						<i>3-27</i>		<i>CL-TPH BTEX</i>	
<i>31</i>	<i>304</i>		<i>1</i>									
<i>33</i>	<i>308</i>		<i>1</i>									
<i>34</i>	<i>318</i>		<i>1</i>									
<i>35</i>	<i>318</i>		<i>1</i>									

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Relinquished By: _____ Date: *3-28-14* Received By: *Scott Henderson*

Relinquished By: _____ Date: *18:00* Received By: _____

Delivered By: (Circle One) *UPS* Sample Condition: Intact Cool Yes No No

CHECKED BY: *[Signature]*
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS:

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

5.62
#546

July 10, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CORRAL DRAW #2

Enclosed are the results of analyses for samples received by the laboratory on 07/07/14 10:17.

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,



Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received:	07/07/2014	Sampling Date:	07/01/2014
Reported:	07/10/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SB 1 @ 18' (H402044-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4000	16.0	07/09/2014	ND	400	100	400	0.00	

Sample ID: SB 1 @ 25' (H402044-02)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2960	16.0	07/09/2014	ND	400	100	400	0.00	

Sample ID: SB 1 @ 30' (H402044-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	07/09/2014	ND	400	100	400	0.00	

Sample ID: SB 1 @ 35' (H402044-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2440	16.0	07/09/2014	ND	400	100	400	0.00	

Cardinal Laboratories

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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: (575) 397-0397

Received:	07/07/2014	Sampling Date:	07/01/2014
Reported:	07/10/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SB 1 @ 43' (H402044-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1120	16.0	07/09/2014	ND	400	100	400	0.00	

Sample ID: SB 1 @ 51' (H402044-06)

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	07/09/2014	ND	400	100	400	0.00	

Sample ID: SB 1 @ 54' (H402044-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/09/2014	ND	400	100	400	0.00	

Sample ID: SB 1 @ 56' (H402044-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	07/09/2014	ND	400	100	400	0.00	

Sample ID: SB 2 @ 23' (H402044-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7120	16.0	07/09/2014	ND	400	100	400	0.00	

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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: (575) 397-0397

Received:	07/07/2014	Sampling Date:	07/01/2014
Reported:	07/10/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SB 2 @ 28' (H402044-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6960	16.0	07/09/2014	ND	400	100	400	0.00	

Sample ID: SB 2 @ 33' (H402044-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	07/09/2014	ND	400	100	400	0.00	

Sample ID: SB 2 @ 38' (H402044-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	07/10/2014	ND	416	104	400	3.92	

Sample ID: SB 2 @ 43' (H402044-13)

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	07/10/2014	ND	416	104	400	3.92	

Sample ID: SB 2 @ 46' (H402044-14)

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	07/10/2014	ND	416	104	400	3.92	

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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: (575) 397-0397

Received:	07/07/2014	Sampling Date:	07/01/2014
Reported:	07/10/2014	Sampling Type:	Soil
Project Name:	CORRAL DRAW #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	MALAGA, NM		

Sample ID: SB 3 @ 23' (H402044-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	07/10/2014	ND	416	104	400	3.92	

Sample ID: SB 3 @ 28' (H402044-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3600	16.0	07/10/2014	ND	416	104	400	3.92	

Sample ID: SB 3 @ 33' (H402044-17)

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	07/10/2014	ND	416	104	400	3.92	

Sample ID: SB 3 @ 38' (H402044-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	07/10/2014	ND	416	104	400	3.92	

Sample ID: SB 3 @ 40' (H402044-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	07/10/2014	ND	416	104	400	3.92	

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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



Celey D. Keene, Lab Director/Quality Manager



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P. O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: Corral Draw #2
 Project Location: Eddy County, NM
 Sampler Name: Price Brunson
 P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME								
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :										
H402044	SB1 @ 18'	0	1						7/1/14	1:00 PM	✓								
	SB1 @ 25'	0	1						7/1/14	1:26 PM	✓								
	SB1 @ 30'	0	1						7/1/14	1:42 PM	✓								
	SB1 @ 35'	0	1						7/1/14	1:50 PM	✓								
	SB1 @ 43'	0	1						7/1/14	2:05 PM	✓								
	SB1 @ 51'	0	1						7/1/14	2:10 PM	✓								
	SB1 @ 54'	0	1						7/1/14	2:14 PM	✓								
	SB1 @ 56'	0	1						7/1/14	2:18 PM	✓								
	SB2 @ 23'	0	1						7/1/14	2:30 PM	✓								
	SB2 @ 28'	0	1						7/1/14	2:34 PM	✓								

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Relinquished By: *Price Brunson* Date: *7/1/14* Time: *5:00pm*
 Received By: *Spodi Henderson* Date: *7/1/14* Time: *5:17pm*
 Delivered By: (Circle One) UPS Bus Other: *5.90*
 Sample Condition: Cool Intact Yes No
 CHECKED BY: *Spodi Henderson*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS: *C1*

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

#54



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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:							
Project Manager: Cliff Brunson		Company:							
Address: P.O. Box 805		Attn:							
City: Hobbs		State: NM	Zip: 88241						
Phone #: 575-397-6388		Fax #: 575-397-0397							
Project #:		Project Owner: Oxy							
Project Name: Corral Draw #2		City:	State:						
Project Location: Eddy County, NM		Phone #:	Zip:						
Sampler Name: Price Brunson		Fax #:							
FOR LAB USE ONLY									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	REMARKS
H402044				GROUNDWATER					
				WASTEWATER					
				SOIL					
				OIL					
				SLUDGE					
				OTHER :					
				ACID/BASE:					
				ICE / COOL					
				OTHER :					
11	SB2 @ 33'		6				7/1/14	2:38 PM	✓
12	SB2 @ 38'		6				7/1/14	2:42 PM	✓
13	SB2 @ 43'		6				7/1/14	2:45 PM	✓
14	SB2 @ 46'		6				7/1/14	2:50 PM	✓
15	SB3 @ 23'		6				7/1/14	3:34 PM	✓
16	SB3 @ 28'		6				7/1/14	3:42 PM	✓
17	SB3 @ 33'		6				7/1/14	3:46 PM	✓
18	SB3 @ 38'		6				7/1/14	3:48 PM	✓
19	SB3 @ 40'		6				7/1/14	3:52 PM	✓

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *Price Brunson* Date: *7/1/14* Time: *5:00pm*

Received By: *Wade Jensen* Date: *7/1/14* Time: *5:17*

Delivered By: (Circle One) *UPS*

Sampler - UPS - Bus - Other: *5.90*

Sample Condition: Cool Intact Yes No

CHECKED BY: *Wade Jensen*

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #54

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., 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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	Chancey Summers
Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	Corral Draw #2	Facility Type	SWD
Surface Owner	BLM	Mineral Owner	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
K	22	25S	29E	1580	South	1980	West	Eddy County, NM

Latitude N 32.11249° Longitude W 103.97449°

NATURE OF RELEASE

Type of Release	Skim oil and Produced water	Volume of Release	Unknown	Volume Recovered	0 bbls
Source of Release	Pumps and Flow lines	Date and Hour of Occurrence	Unknown	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher, NMOCD and Jennifer VanCuren, BLM		
By Whom?		Date and Hour			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
Various leaks caused by pumps and flow lines on this site have caused an unknown amount of skim oil and produced water to leak onto the ground. No fluids were recovered and pumps and flow lines have been repaired or replaced.

Describe Area Affected and Cleanup Action Taken.*
The affected areas are inside the lined battery around the tanks (35' x 105'), Northeast of the lined battery around a pump (14' x 32'), Northwest of the lined battery just west of the drum (48' x 85'), and further Northwest of the battery near the road traveling off location (200' x 35'). Remediation will be completed in accordance with a remediation plan approved by NMOCD and the BLM.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Chancey Summers	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 7-26-14 Phone: (575) 397-8216			

* Attach Additional Sheets If Necessary