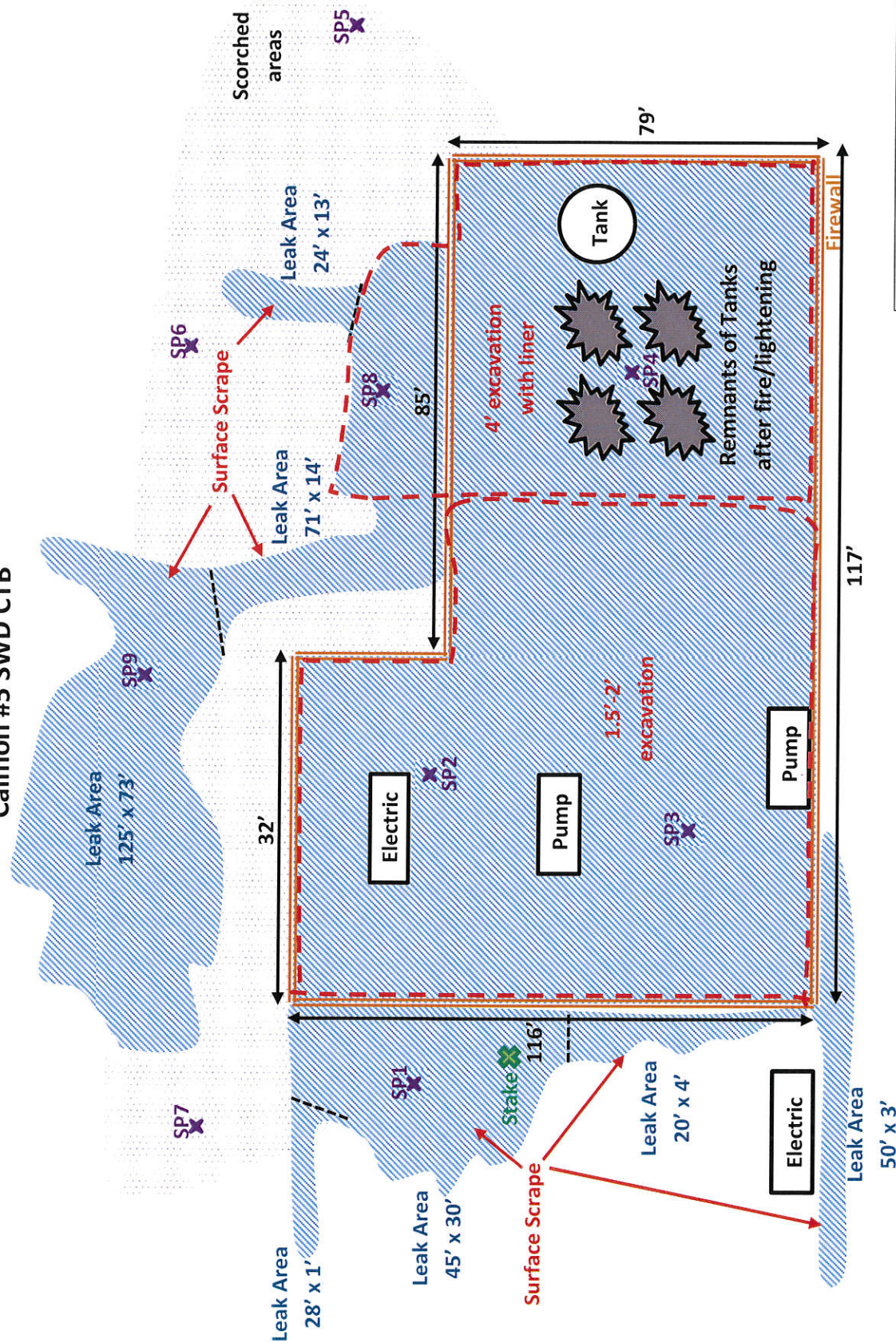


Oxy Calmon #5 SWD CTB



BBC International, Inc.	
Oxy	
Calmon #5 SWD CTB	
Date: 06/12/2014	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2014

U/L G, Section 35, T23S, R31E
 Eddy County, NM
 N 32.26279° W 103.74635° at stake
 API# 30-015-25640

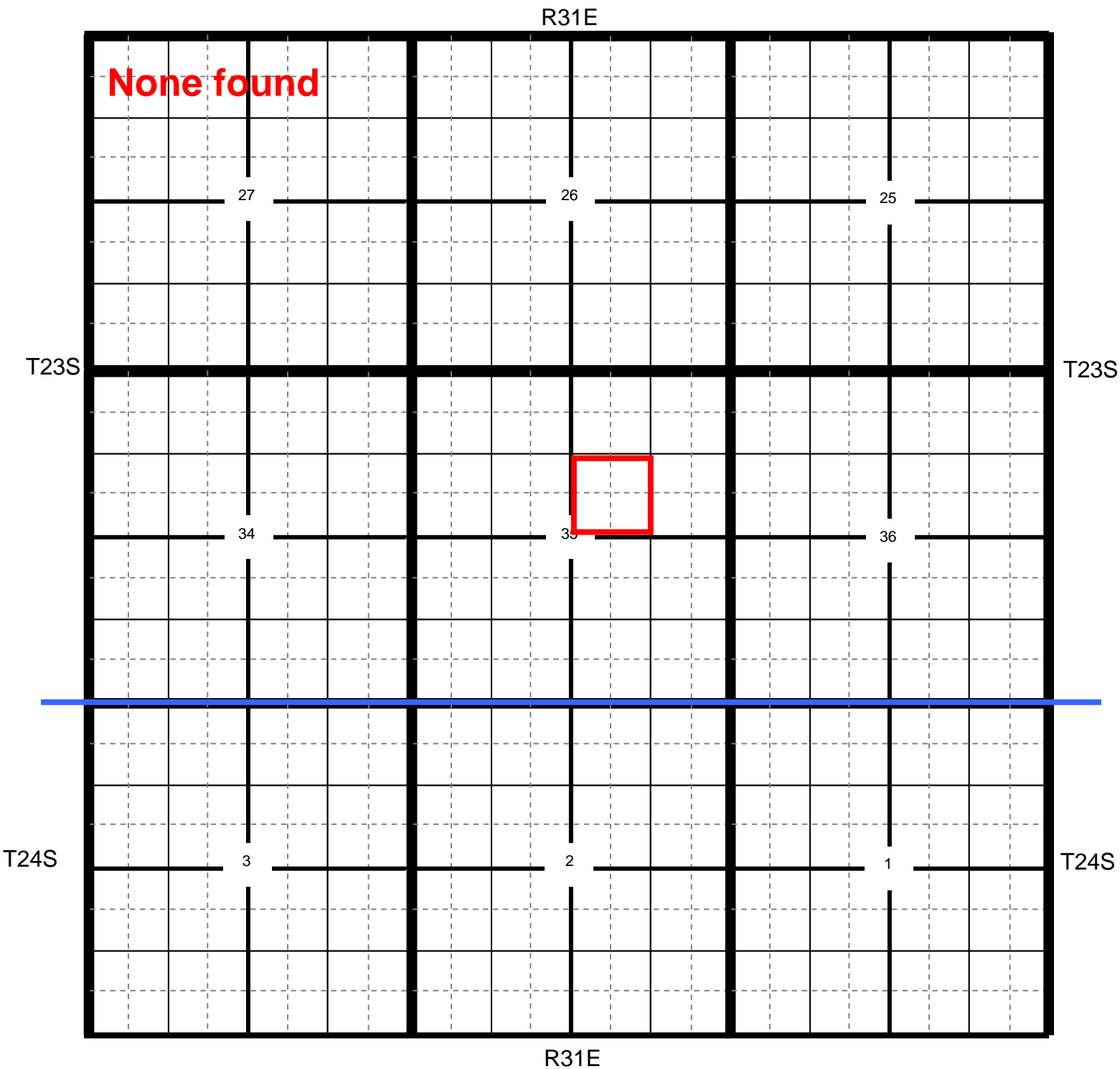


Groundwater Plot

Oxy Calmon #5 SWD CTB

County	Unit Letter	Section	Township	Range
Eddy	G	35	23S	31E

Trend Map 300'





Section Quarters

Oxy Calmon #5 SWD CTB

County Eddy	Unit Letter G	Section 35	Township 23S	Range 31E
-----------------------	-------------------------	----------------------	------------------------	---------------------

Trend Map 300'

1

2

NW/NW None found	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

⚙ Location
 ● OCD
 ● USGS
 ● SEO
 ● All Databases

Laboratory Analytical Results Summary
Calmon #5 SWD CTB

		Sample	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'
Analyte	Method	Date	8/11/14	8/11/14	8/11/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a
Chloride	SM4500Cl-B		304	400	<16.0
GRO	TPH 8015M		<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a

		Sample	SP2 @ 1'	SP2 @ 3'	SP2 @ 5'	SP2 @ 8'	SP2 @ 10'
Analyte	Method	Date	8/11/14	8/11/14	8/11/14	8/11/14	8/12/14
			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		3360	320	576	416	<16.0
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 @ 3'	SP3 @ 5'
Analyte	Method	Date	8/12/14	8/12/14	8/12/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a
Chloride	SM4500Cl-B		1170	512	64
GRO	TPH 8015M		<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a

		Sample	SP4 @ 1'	SP4 @ 3'	SP4 @ 5'	SP4 @ 7'	SP4 @ 10'	SP4 @ 12'	SP4 @ 14'	SP4 @ 16'	SP4 @ 17'
Analyte	Method	Date	8/12/14	8/12/14	8/12/14	8/12/14	8/15/14	8/15/14	8/15/14	8/15/14	8/15/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		12200	8000	10300	14100	2760	1600	1100	416	160
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

		Sample	SP5 @ SURFACE
Analyte	Method	Date	8/12/14
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Laboratory Analytical Results Summary
Calmon #5 SWD CTB

		Sample	SP6 @ SURFACE
Analyte	Method	Date	8/12/14
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SP7 @ 1'	SP7 @ 3'
Analyte	Method	Date	8/12/14	8/13/14
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a
Toluene	BTEX 8021B		<0.050	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a
Total BTEX	BTEX 8021B		<0.300	n/a
Chloride	SM4500CI-B		176	<16.0
GRO	TPH 8015M		<10.0	n/a
DRO	TPH 8015M		<10.0	n/a

		Sample	SP8 @ 1'	SP8 @ 3'	SP8 @ 5'	SP8 @ 7'	SP8 @ 10'	SP8 @ 12'	SP8 @ 14'
Analyte	Method	Date	8/13/14	8/13/14	8/13/14	8/13/14	8/13/14	8/15/14	8/15/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	n/a	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500CI-B		3480	3760	14100	15400	2240	1470	240
GRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a	n/a	n/a	n/a

		Sample	SP9 @ 1'
Analyte	Method	Date	8/13/14
			mg/Kg
Benzene	BTEX 8021B		n/a
Toluene	BTEX 8021B		n/a
Ethylbenzene	BTEX 8021B		n/a
Total Xylenes	BTEX 8021B		n/a
Total BTEX	BTEX 8021B		n/a
Chloride	SM4500CI-B		7120
GRO	TPH 8015M		n/a
DRO	TPH 8015M		n/a



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

August 22, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CALMON #5 SWD-CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/20/14 9:00.

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 black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received: 08/20/2014
 Reported: 08/22/2014
 Project Name: CALMON #5 SWD-CTB
 Project Number: NOT GIVEN
 Project Location: HWY 128

Sampling Date: 08/11/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 1 @ 1 (H402546-01)

BTEX 8021B			mg/kg		Analyzed By: ck				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14	
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69	
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89	
Total BTEX	<0.300	0.300	08/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	304	16.0	08/21/2014	ND	400	100	400	0.00	

TPH 8015M			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 99.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 116 % 63.6-154

Sample ID: SP 1 @ 3 (H402546-02)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: AP				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	08/21/2014	ND	400	100	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received: 08/20/2014
 Reported: 08/22/2014
 Project Name: CALMON #5 SWD-CTB
 Project Number: NOT GIVEN
 Project Location: HWY 128

Sampling Date: 08/11/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 1 @ 5 (H402546-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/21/2014	ND	400	100	400	0.00	

Sample ID: SP 2 @ 1 (H402546-04)

BTEX 8021B			mg/kg		Analyzed By: ck				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14	
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69	
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89	
Total BTEX	<0.300	0.300	08/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	3360	16.0	08/21/2014	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 90.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received:	08/20/2014	Sampling Date:	08/11/2014
Reported:	08/22/2014	Sampling Type:	Soil
Project Name:	CALMON #5 SWD-CTB	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Kathy Perez
Project Location:	HWY 128		

Sample ID: SP 2 @ 3 (H402546-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	08/21/2014	ND	400	100	400	0.00	

Sample ID: SP 2 @ 5 (H402546-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	576	16.0	08/21/2014	ND	400	100	400	0.00	

Sample ID: SP 2 @ 8 (H402546-07)

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	08/21/2014	ND	416	104	400	0.00	

Sample ID: SP 2 @ 10 (H402546-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/21/2014	ND	416	104	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



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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: 08/20/2014
 Reported: 08/22/2014
 Project Name: CALMON #5 SWD-CTB
 Project Number: NOT GIVEN
 Project Location: HWY 128

Sampling Date: 08/12/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 3 @ 1 (H402546-09)

BTX 8021B		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14		
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69		
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89		
Total BTX	<0.300	0.300	08/21/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	1170	16.0	08/21/2014	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 92.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

Sample ID: SP 3 @ 3 (H402546-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	512	16.0	08/21/2014	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



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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: 08/20/2014
 Reported: 08/22/2014
 Project Name: CALMON #5 SWD-CTB
 Project Number: NOT GIVEN
 Project Location: HWY 128

Sampling Date: 08/12/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 3 @ 5 (H402546-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	08/21/2014	ND	416	104	400	0.00	

Sample ID: SP 4 @ 1 (H402546-12)

BTEX 8021B			mg/kg		Analyzed By: ck				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14	
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45	
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69	
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89	
Total BTEX	<0.300	0.300	08/21/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	12200	16.0	08/21/2014	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received: 08/20/2014
 Reported: 08/22/2014
 Project Name: CALMON #5 SWD-CTB
 Project Number: NOT GIVEN
 Project Location: HWY 128

Sampling Date: 08/12/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 4 @ 3 (H402546-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8000	16.0	08/21/2014	ND	416	104	400	0.00		

Sample ID: SP 4 @ 5 (H402546-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	10300	16.0	08/21/2014	ND	416	104	400	0.00		

Sample ID: SP 4 @ 7 (H402546-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14100	16.0	08/21/2014	ND	416	104	400	0.00		

Sample ID: SP 4 @ 10 (H402546-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2760	16.0	08/21/2014	ND	416	104	400	0.00	

Sample ID: SP 4 @ 12 (H402546-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1600	16.0	08/21/2014	ND	416	104	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received: 08/20/2014
 Reported: 08/22/2014
 Project Name: CALMON #5 SWD-CTB
 Project Number: NOT GIVEN
 Project Location: HWY 128

Sampling Date: 08/15/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 4 @ 14 (H402546-18)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1100	16.0	08/21/2014	ND	416	104	400	0.00	

Sample ID: SP 4 @ 16 (H402546-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	416	16.0	08/21/2014	ND	416	104	400	0.00	

Sample ID: SP 4 @ 17 (H402546-20)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	160	16.0	08/21/2014	ND	416	104	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



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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: 08/20/2014
 Reported: 08/22/2014
 Project Name: CALMON #5 SWD-CTB
 Project Number: NOT GIVEN
 Project Location: HWY 128

Sampling Date: 08/12/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 5 @ SURFACE (H402546-21)

BTX 8021B		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14		
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69		
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89		
Total BTX	<0.300	0.300	08/21/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	<16.0	16.0	08/21/2014	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 96.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

Sample ID: SP 6 @ SURFACE (H402546-22)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/21/2014	ND	416	104	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received: 08/20/2014
 Reported: 08/22/2014
 Project Name: CALMON #5 SWD-CTB
 Project Number: NOT GIVEN
 Project Location: HWY 128

Sampling Date: 08/12/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 7 @ 1 (H402546-23)

BTEx 8021B		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14		
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69		
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89		
Total BTEX	<0.300	0.300	08/21/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	176	16.0	08/21/2014	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 100 % 65.2-140

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

Sample ID: SP 7 @ 3 (H402546-24)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/21/2014	ND	416	104	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received: 08/20/2014
 Reported: 08/22/2014
 Project Name: CALMON #5 SWD-CTB
 Project Number: NOT GIVEN
 Project Location: HWY 128

Sampling Date: 08/13/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 8 @ 1 (H402546-25)

BTX 8021B		mg/kg		Analyzed By: ck						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	08/21/2014	ND	1.81	90.5	2.00	7.14		
Toluene*	<0.050	0.050	08/21/2014	ND	1.67	83.3	2.00	7.45		
Ethylbenzene*	<0.050	0.050	08/21/2014	ND	1.85	92.3	2.00	8.69		
Total Xylenes*	<0.150	0.150	08/21/2014	ND	5.49	91.5	6.00	8.89		
Total BTX	<0.300	0.300	08/21/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	3480	16.0	08/21/2014	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	08/21/2014	ND	186	92.8	200	1.92	
DRO >C10-C28	<10.0	10.0	08/21/2014	ND	199	99.3	200	4.60	

Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 63.6-154

Sample ID: SP 8 @ 3 (H402546-26)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	08/21/2014	ND	416	104	400	0.00	

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received: 08/20/2014
 Reported: 08/22/2014
 Project Name: CALMON #5 SWD-CTB
 Project Number: NOT GIVEN
 Project Location: HWY 128

Sampling Date: 08/13/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 8 @ 5 (H402546-27)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	14100	16.0	08/21/2014	ND	416	104	400	3.92		

Sample ID: SP 8 @ 7 (H402546-28)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	15400	16.0	08/21/2014	ND	416	104	400	3.92		

Sample ID: SP 8 @ 10 (H402546-29)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2240	16.0	08/21/2014	ND	416	104	400	3.92	

Sample ID: SP 8 @ 12 (H402546-30)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1470	16.0	08/21/2014	ND	416	104	400	3.92	

Sample ID: SP 8 @ 14 (H402546-31)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	08/21/2014	ND	416	104	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager



PHONE (575) 393-2326 ° 101 E. MARLAND ° HOBBS, NM 88240

Analytical Results For:

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

Received: 08/20/2014
 Reported: 08/22/2014
 Project Name: CALMON #5 SWD-CTB
 Project Number: NOT GIVEN
 Project Location: HWY 128

Sampling Date: 08/13/2014
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Kathy Perez

Sample ID: SP 9 @ 1 (H402546-32)

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	08/21/2014	ND	416	104	400	3.92	

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Celey D. Keene, Lab Director/Quality Manager



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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

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Celey D. Keene

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: BCB International, Inc.		P.O. #		BILL TO		ANALYSIS REQUEST													
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		Address:															
Project #:		Project Owner: OXY		City:															
Project Name: Calmon HS SWD-CTB		State:		Zip:															
Project Location: Highway 128		Phone #:																	
Sampler Name: Jeff Charles		Fax #:																	
FOR LAB USE ONLY		LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	MATRIX	PRESERV	SAMPLING	DATE	TIME	CL-TPH-BTEX								
HY0254K	SP121	C	1	X	X	X	X	X	8-11	11:55	X	X							
1	SP121	C	1	X	X	X	X	X	8-11	11:55	X	X							
2	SP121	C	1	X	X	X	X	X	8-11	11:55	X	X							
3	SP121	C	1	X	X	X	X	X	8-11	11:55	X	X							
4	SP121	C	1	X	X	X	X	X	8-11	11:55	X	X							
5	SP121	C	1	X	X	X	X	X	8-11	11:55	X	X							
6	SP121	C	1	X	X	X	X	X	8-11	11:55	X	X							
7	SP121	C	1	X	X	X	X	X	8-11	11:55	X	X							
8	SP121	C	1	X	X	X	X	X	8-11	11:55	X	X							
9	SP121	C	1	X	X	X	X	X	8-11	11:55	X	X							
10	SP121	C	1	X	X	X	X	X	8-11	11:55	X	X							

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Relinquished By: [Signature] Date: 8/15/19 Time: 3:00pm Received By: [Signature] Date: 8-20-19 Time: 9:00am

Delivered By: (Circle One) 5.8% #04 Sample Condition: Cool Intact Yes No Checked By: [Signature]

Sampler - UPS - Bus - Other: 5.8% #04

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



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2/4

Company Name: BBO International, Inc.		P.O. #		BILL TO		ANALYSIS REQUEST	
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		Address:			
Project #:		Project Owner: DXY		City:			
Project Name: Celmar #5 SWD-CTB		State:		Zip:			
Project Location: Highway 168		Phone #:		Fax #:			
Sampler Name: Jeff Brunson							
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	
		GROUNDWATER		WASTEWATER			
		SOIL		OIL			
		SLUDGE		OTHER:			
		ACID/BASE:		ICE / COOL			
		OTHER:					
		DATE	TIME				
Hydro	SP305	8-12	1139	X			
11	SP401	8-12	1446	X			
13	SP403	8-12	222	X			
14	SP404	8-12	300	X			
15	SP405	8-12	849	X			
16	SP406	8-15	956	X			
17	SP407	8-15	1100	X			
18	SP408	8-15	1212	X			
19	SP409	8-15	160	X			
20	SP410	8-15	160	X			
PLEASE NOTE: Liability and Damages. Cardinal's liability and claims resolution period for any claim arising from this report is limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other claims whatsoever, shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable analysis. 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, 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: [Signature]		Received By: [Signature]		CHECKED BY: [Signature]	
Delivered By: (Circle One)		Sample Condition		Cool		Intact	
Sampler - UPS - Bus - Other:		Yes		No		Yes	
580 # 61		Yes		No		Yes	
Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476		REMARKS:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3/4

Company Name: BBO International, Inc.		P.O. #		BILL TO		ANALYSIS REQUEST	
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		Address:			
Project #:		Project Owner: OXY		City:		State: Zip:	
Project Name: Canyon #5 GWD-CTB		State:		Phone #:			
Project Location: Highway 158		Fax #:					
Sampler Name: Jeff Curdles		PRESERV		SAMPLING			
FOR LAB USE ONLY							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	DATE	TIME	
		GROUNDWATER		SOIL			
		WASTEWATER		OIL			
				SLUDGE			
				OTHER:			
				ACID/BASE:			
				ICE/COOL			
				OTHER:			
21	SP503				8-12	338	X
22	SP68				8-12	345	X
23	SP78				8-13	400	X
24	SP80				8-13	450	X
25	SP80				8-13	1018	X
26	003				8-13	1111	X
27	003				8-13	1148	X
28	007				8-13	130	X
29	010				8-13	149	X
30	012				8-15	200	X
<p>PLEASE NOTE: Liability and Damages. Cardinal's liability and damage resolution is limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever, shall be limited and resolved by Cardinal within 30 days after completion of the applicable analysis. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of data, or loss of profits incurred by client, its subsidiaries, or any other third party, arising out of or in connection with the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>							
Relinquished By:	Date: 8/15/14	Received By:	Date: 8/15/14				
Reinjected By:	Date: 8-20-14	Received By:	Date: 8-20-14				
Delivered By: (Circle One)	Time: 9:00	Sample Condition	CHECKED BY: (Initials)				
Sampler - UPS - Bus - Other: 581-154		Cool <input type="checkbox"/> Intact <input type="checkbox"/>					
		No <input type="checkbox"/> Yes <input type="checkbox"/>					
		No <input type="checkbox"/> Yes <input type="checkbox"/>					
<p>1 Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476</p>							
<p>REMARKS</p>							



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4/4

BILL TO				ANALYSIS REQUEST			
Company Name: BBC International, Inc.				P.O. #:			
Project Manager: Cliff Brunson				Company:			
Address: P.O. Box 805				Ailin:			
City: Hobbs				State: NM	Zip: 88241		
Phone #: 575-397-6388				Fax #: 575-397-0397			
Project Owner: Oxy				City:	Sparto		
Project #: Calmer #5 - Sub-drill				State:	ZP		
Project Location: Highway 128 Camples				Phone #:			
Sample Name:				Fax #:			
<small>FOR LAB USE ONLY</small>				MATRIX	PRESERV	SAMPLING	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL
H408546 31 32	SP801A SP901A	G1	1	X			
		OTHER:		ACID/BASE:	ICE / COOL	OTHER:	
		DATE	TIME				
		8-15	320	X			
		8-13	233				

PLEASE NOTE: Liability and Damages Cardano's liability and claims payable remaind for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the services. 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, 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:	Date:	Received By:	Date:
[Signature]	8/15/14	[Signature]	8/15/14
Delivered By: (Circle One)	Time:	Sample Condition:	CHECKED BY:
Sampler - UPS - Bus - Other	5-8c HSY	Cool Intact Yes No	[Signature] (Initials) KQ

REMARKS:

Phone Result: ☐ Yes ☒ No Add'l Phone #: _____
Fax Result: ☐ Yes ☒ No Add'l Fax #: _____

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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	Calmon #5 SWD CTB	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-25640

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	35	23S	31E					Eddy County, NM

Latitude N 32.26279° Longitude W 103.74635°

NATURE OF RELEASE

Type of Release	Oil and Produced Water	Volume of Release	100 bbls oil, 1400 bbls produced water	Volume Recovered	None
Source of Release	Lightening struck a water tank and caused a fire.	Date and Hour of Occurrence	06/09/2014	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher, NMOCD and Jennifer Van Curen, BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	06/09/2014 @ 9:16 am		
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.*

Lightening struck a water tank a caused a fire destroying several tanks and spilling 100 bbls of oil and 1400 bbls of produced water onto the ground. No fluids were recovered and the damage was assessed.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 100' x 100' on location and 125' x 75' just north of the location. 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: 	OIL CONSERVATION DIVISION		
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: 6-23-19 Phone: (575) 397-8216			

* Attach Additional Sheets If Necessary

From: Bratcher, Mike, EMNRD
To: ["Cliff P. Brunson"](#)
Cc: ["C J Summers"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); ["Kathy Purvis"](#); [Patterson, Heather, EMNRD](#)
Subject: RE: OXY - Calmon #5 SWD - Remediation Plan
Date: Monday, November 03, 2014 12:53:00 PM

Correction: The OCD reference number for this release is: [2RP-2357](#)

From: Bratcher, Mike, EMNRD
Sent: Monday, November 03, 2014 12:50 PM
To: 'Cliff P. Brunson'
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis; Patterson, Heather, EMNRD
Subject: RE: OXY - Calmon #5 SWD - Remediation Plan

RE: OXY USA * Cal-Mon 5 SWD Btry * 30-015-25640 * G-35-23s-31e * Eddy County, NM
NMOCD Reference: 2RP-2432 * Date of release: 6/9/14

Cliff,

Your proposal for remediation of the above referenced release is approved. It is OCD's understanding that sample point 9 is where the in-situ closed drilling pit would have been when this well was drilled. Federal sites will require like approval by BLM.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Wednesday, October 29, 2014 5:40 PM
To: Bratcher, Mike, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY - Calmon #5 SWD - Remediation Plan

Mike,

This e-mail is to confirm our conversation on October 28, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. If you will review the

revised diagram on the attachment, it depicts the remediation plan and the areas and depths of the excavations per our discussions. After the soil is excavated, the site will be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
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Hobbs, NM 88240 USA
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District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 396338

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 396338
	Action Type: [IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	Historical document upload.	10/28/2024