

**REVIEWED**

By Kellie Jones at 1:40 pm, Jan 29, 2016



**APPROVED**

By Kellie Jones at 1:40 pm, Jan 29, 2016

PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805  
E-MAIL: [cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)

---

## **OXY – STATE CM LEASE**

### **REMEDIATION PLAN**

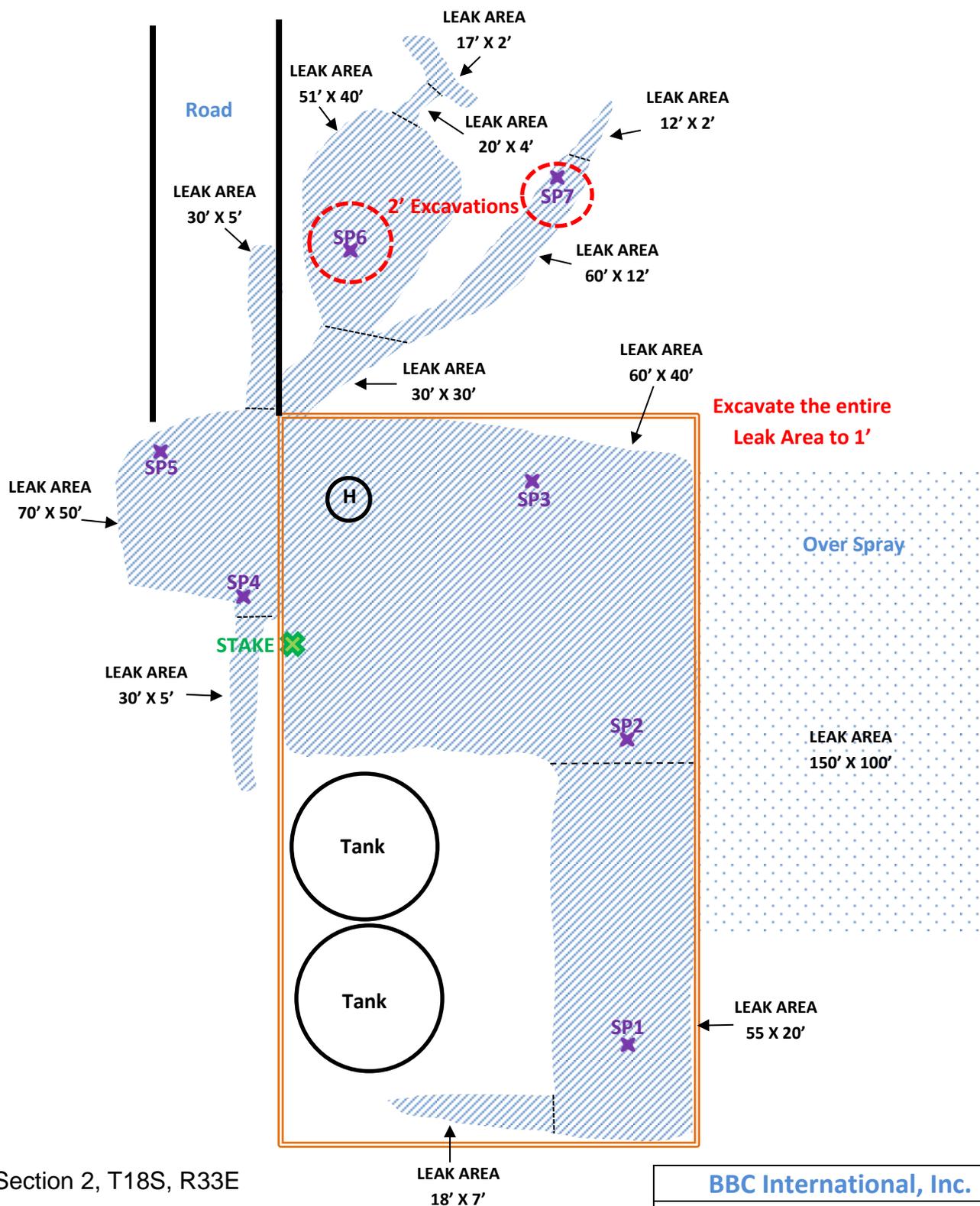
---

OXY will excavate the spill area as depicted on the following site diagram. The entire spill area will be excavated to a depth of 1 foot and then in the areas of SP6 and SP7, the excavation will be 2 feet deep. The entire site will be backfilled with clean soil.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.



# Oxy State CM Lease



U/L B, Section 2, T18S, R33E

Lea County, NM

N 32.78167° W 103.63077°

API# 30-025-01574

**BBC International, Inc.**

**Oxy  
State CM Lease**

Date: 11/12/15

DRWG by: J. Gilkey

NOT TO SCALE

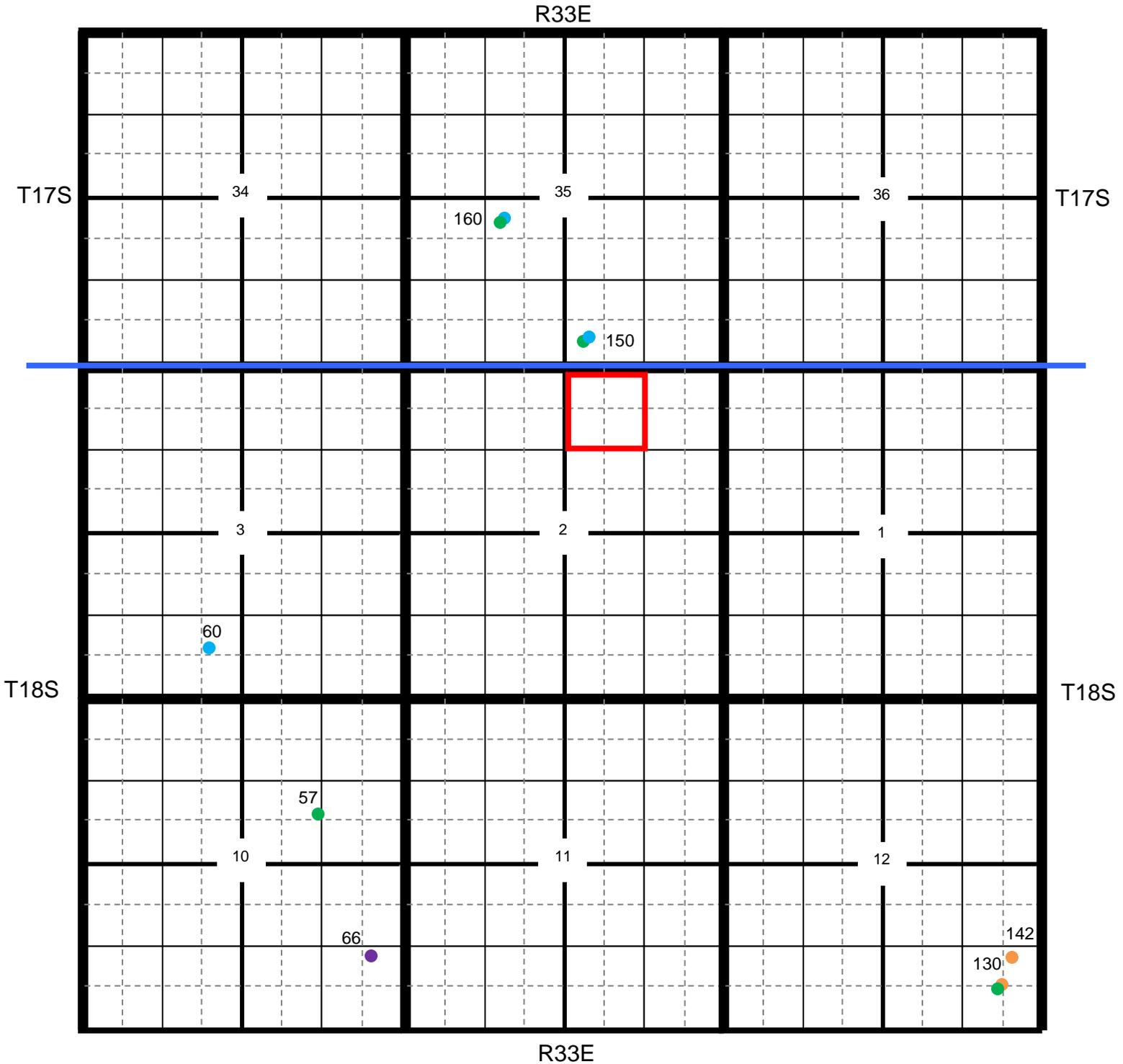
File: Concho 2015

# Groundwater Plot

## Oxy State CM Battery

County: Lea      Unit Letter: NE ¼      Section: 2      Township: 18S      Range: 33E

Trend Map      125'



## Oxy State CM Battery

County: Lea      Unit Letter: NE 1/4      Section: 2      Township: 18S      Range: 33E

Trend Map 125'

1

2

NW/NW <b>None Found</b>	NE/NW	<b>NW/NE</b>	NE/NE
Unit Letter D	Unit Letter C	<b>Unit Letter B</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

Laboratory Analytical Results Summary  
State CM Lease

Analyte	Method	Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
		Date	11/10/15	11/30/15	11/30/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		1.44	<0.050	<0.050
Toluene	BTEX 8021B		1.08	<0.050	0.069
Ethylbenzene	BTEX 8021B		10.8	<0.050	0.176
Total Xylenes	BTEX 8021B		16	<0.150	0.386
Total BTEX	BTEX 8021B		29.3	<0.300	0.63
Chloride	SM4500Cl-B		48	n/a	n/a
GRO	TPH 8015M		938	<100	<50.0
DRO	TPH 8015M		25700	352	646

Analyte	Method	Sample	SP5 @ 1'	SP5 @ 2'	SP5 @ 3'
		Date	11/10/15	11/30/15	11/30/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.056	n/a	n/a
Toluene	BTEX 8021B		1	n/a	n/a
Ethylbenzene	BTEX 8021B		1.12	n/a	n/a
Total Xylenes	BTEX 8021B		2.11	n/a	n/a
Total BTEX	BTEX 8021B		4.29	n/a	n/a
Chloride	SM4500Cl-B		944	304	272
GRO	TPH 8015M		<50.0	n/a	n/a
DRO	TPH 8015M		1410	n/a	n/a

Analyte	Method	Sample	SP2 @ 1'
		Date	11/10/15
			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		144
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		97.9

Analyte	Method	Sample	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'
		Date	11/10/15	11/30/15	11/30/15
			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		608	784	640
GRO	TPH 8015M		<10.0	n/a	n/a
DRO	TPH 8015M		28.6	n/a	n/a

Analyte	Method	Sample	SP3 @ 1'
		Date	11/10/15
			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		144
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		71.3

Analyte	Method	Sample	SP7 @ 1'	SP7 @ 2'	SP7 @ 3'
		Date	11/10/15	11/30/15	11/30/15
			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		640	800	608
GRO	TPH 8015M		<10.0	n/a	n/a
DRO	TPH 8015M		85.8	n/a	n/a

Analyte	Method	Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'
		Date	11/10/15	11/30/15	11/30/15
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	n/a	n/a
Toluene	BTEX 8021B		0.461	n/a	n/a
Ethylbenzene	BTEX 8021B		0.776	n/a	n/a
Total Xylenes	BTEX 8021B		1.51	n/a	n/a
Total BTEX	BTEX 8021B		2.75	n/a	n/a
Chloride	SM4500Cl-B		880	288	288
GRO	TPH 8015M		<50.0	n/a	n/a
DRO	TPH 8015M		1340	n/a	n/a



November 17, 2015

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STATE CM LEASE

Enclosed are the results of analyses for samples received by the laboratory on 11/11/15 16:00.

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](http://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 style.

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:	11/11/2015	Sampling Date:	11/10/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	STATE CM LEASE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

**Sample ID: SP 1 @ 1' (H502997-01)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>1.44</b>	0.500	11/17/2015	ND	1.92	96.1	2.00	0.933	
<b>Toluene*</b>	<b>1.08</b>	0.500	11/17/2015	ND	2.16	108	2.00	1.02	
<b>Ethylbenzene*</b>	<b>10.8</b>	0.500	11/17/2015	ND	2.00	99.9	2.00	0.898	
<b>Total Xylenes*</b>	<b>16.0</b>	1.50	11/17/2015	ND	6.30	105	6.00	1.32	
<b>Total BTEX</b>	<b>29.3</b>	3.00	11/17/2015	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 114 % 73.6-140*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>48.0</b>	16.0	11/13/2015	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: CK						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>938</b>	200	11/14/2015	ND	195	97.6	200	1.32		
<b>DRO &gt;C10-C28</b>	<b>25700</b>	200	11/14/2015	ND	195	97.7	200	1.13		

*Surrogate: 1-Chlorooctane 169 % 35-147*
*Surrogate: 1-Chlorooctadecane 651 % 28-171*

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	11/11/2015	Sampling Date:	11/10/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	STATE CM LEASE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

**Sample ID: SP 2 @ 1' (H502997-02)**

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	11/17/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	<0.050	0.050	11/17/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	<0.050	0.050	11/17/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	<0.150	0.150	11/17/2015	ND	6.30	105	6.00	1.32	
Total BTEX	<0.300	0.300	11/17/2015	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	11/13/2015	ND	432	108	400	7.69	

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	11/14/2015	ND	195	97.6	200	1.32	
<b>DRO &gt;C10-C28</b>	<b>97.9</b>	10.0	11/14/2015	ND	195	97.7	200	1.13	

*Surrogate: 1-Chlorooctane 86.2 % 35-147*
*Surrogate: 1-Chlorooctadecane 96.1 % 28-171*

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	11/11/2015	Sampling Date:	11/10/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	STATE CM LEASE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

**Sample ID: SP 3 @ 1' (H502997-03)**

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	11/17/2015	ND	1.92	96.1	2.00	0.933	
Toluene*	<0.050	0.050	11/17/2015	ND	2.16	108	2.00	1.02	
Ethylbenzene*	<0.050	0.050	11/17/2015	ND	2.00	99.9	2.00	0.898	
Total Xylenes*	<0.150	0.150	11/17/2015	ND	6.30	105	6.00	1.32	
Total BTEX	<0.300	0.300	11/17/2015	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>144</b>	16.0	11/13/2015	ND	432	108	400	7.69	

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	11/14/2015	ND	195	97.6	200	1.32	
<b>DRO &gt;C10-C28</b>	<b>71.3</b>	10.0	11/14/2015	ND	195	97.7	200	1.13	

*Surrogate: 1-Chlorooctane 81.3 % 35-147*
*Surrogate: 1-Chlorooctadecane 85.0 % 28-171*

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	11/11/2015	Sampling Date:	11/10/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	STATE CM LEASE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

**Sample ID: SP 4 @ 1' (H502997-04)**

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	11/17/2015	ND	1.92	96.1	2.00	0.933	
<b>Toluene*</b>	<b>0.461</b>	0.050	11/17/2015	ND	2.16	108	2.00	1.02	
<b>Ethylbenzene*</b>	<b>0.776</b>	0.050	11/17/2015	ND	2.00	99.9	2.00	0.898	
<b>Total Xylenes*</b>	<b>1.51</b>	0.150	11/17/2015	ND	6.30	105	6.00	1.32	
<b>Total BTEX</b>	<b>2.75</b>	0.300	11/17/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>880</b>	16.0	11/13/2015	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	11/14/2015	ND	195	97.6	200	1.32	
<b>DRO &gt;C10-C28</b>	<b>1340</b>	50.0	11/14/2015	ND	195	97.7	200	1.13	

Surrogate: 1-Chlorooctane 75.4 % 35-147

Surrogate: 1-Chlorooctadecane 107 % 28-171

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	11/11/2015	Sampling Date:	11/10/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	STATE CM LEASE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

**Sample ID: SP 5 @ 1' (H502997-05)**

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.056</b>	0.050	11/17/2015	ND	1.96	98.0	2.00	0.526	
<b>Toluene*</b>	<b>1.00</b>	0.050	11/17/2015	ND	2.22	111	2.00	0.925	
<b>Ethylbenzene*</b>	<b>1.12</b>	0.050	11/17/2015	ND	2.06	103	2.00	1.09	
<b>Total Xylenes*</b>	<b>2.11</b>	0.150	11/17/2015	ND	6.46	108	6.00	0.960	
<b>Total BTEX</b>	<b>4.29</b>	0.300	11/17/2015	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>944</b>	16.0	11/13/2015	ND	432	108	400	7.69	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	11/14/2015	ND	195	97.6	200	1.32	
<b>DRO &gt;C10-C28</b>	<b>1410</b>	50.0	11/14/2015	ND	195	97.7	200	1.13	

*Surrogate: 1-Chlorooctane 86.2 % 35-147*
*Surrogate: 1-Chlorooctadecane 124 % 28-171*

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	11/11/2015	Sampling Date:	11/10/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	STATE CM LEASE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

**Sample ID: SP 6 @ 1' (H502997-06)**

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	11/17/2015	ND	1.96	98.0	2.00	0.526	
Toluene*	<0.050	0.050	11/17/2015	ND	2.22	111	2.00	0.925	
Ethylbenzene*	<0.050	0.050	11/17/2015	ND	2.06	103	2.00	1.09	
Total Xylenes*	<0.150	0.150	11/17/2015	ND	6.46	108	6.00	0.960	
Total BTEX	<0.300	0.300	11/17/2015	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>608</b>	16.0	11/13/2015	ND	432	108	400	7.69	

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	11/14/2015	ND	195	97.6	200	1.32	
<b>DRO &gt;C10-C28</b>	<b>28.6</b>	10.0	11/14/2015	ND	195	97.7	200	1.13	

*Surrogate: 1-Chlorooctane 93.7 % 35-147*
*Surrogate: 1-Chlorooctadecane 101 % 28-171*

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	11/11/2015	Sampling Date:	11/10/2015
Reported:	11/17/2015	Sampling Type:	Soil
Project Name:	STATE CM LEASE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Judy Garcia
Project Location:	NONE GIVEN		

**Sample ID: SP 7 @ 1' (H502997-07)**

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	11/17/2015	ND	1.96	98.0	2.00	0.526	
Toluene*	<0.050	0.050	11/17/2015	ND	2.22	111	2.00	0.925	
Ethylbenzene*	<0.050	0.050	11/17/2015	ND	2.06	103	2.00	1.09	
Total Xylenes*	<0.150	0.150	11/17/2015	ND	6.46	108	6.00	0.960	
Total BTEX	<0.300	0.300	11/17/2015	ND					

*Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140*

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>640</b>	16.0	11/13/2015	ND	432	108	400	7.69	

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	11/14/2015	ND	195	97.6	200	1.32	
<b>DRO &gt;C10-C28</b>	<b>85.8</b>	10.0	11/14/2015	ND	195	97.7	200	1.13	

*Surrogate: 1-Chlorooctane 86.5 % 35-147*
*Surrogate: 1-Chlorooctadecane 91.8 % 28-171*

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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.
- 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

---

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



---

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

141

### ANALYSIS REQUEST

### BILL TO

Company Name: BBC International, Inc. P.O. #: *OKY*

Project Manager: Cliff Brunson Company: *CS Summer*

Address: P.O. Box 805 State: NM zip: 88241 Attn:

City: Hobbs Address:

Phone #: 575-397-6388 Fax #: 575-397-0397 City:

Project #: Project Owner: *OKY* State: Zip:

Project Name: STATE CM LEASE Phone #:

Project Location: Sampler Name: *POPE HERNANDEZ* Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	CHLORIDE
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<i>15029917</i>	<i>SP 101</i>		<i>1</i>			<input checked="" type="checkbox"/>				<i>11-10-15</i>	<i>9:25</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP 201</i>		<i>1</i>			<input checked="" type="checkbox"/>				<i>11-10-15</i>	<i>9:52</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP 301</i>		<i>1</i>			<input checked="" type="checkbox"/>				<i>11-10-15</i>	<i>10:34</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP 401</i>		<i>1</i>			<input checked="" type="checkbox"/>				<i>11-10-15</i>	<i>11:11</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP 501</i>		<i>1</i>			<input checked="" type="checkbox"/>				<i>11-10-15</i>	<i>11:41</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP 601</i>		<i>1</i>			<input checked="" type="checkbox"/>				<i>11-10-15</i>	<i>1:09</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>SP 701</i>		<i>1</i>			<input checked="" type="checkbox"/>				<i>11-10-15</i>	<i>1:51</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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: *Roger Hernandez* Date: *11/17/15* Received By: *Judy Garcia*

Time: *9:00*

Delivered By: (Circle One)  UPS  Bus  Other: *#34* 1.8c

Sample Condition:  Intact  Cool  Yes  No

CHECKED BY: (Initials) *AG*

REMARKS:

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



December 08, 2015

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

RE: STATE CM LEASE

Enclosed are the results of analyses for samples received by the laboratory on 12/01/15 14:45.

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](http://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".

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:	12/01/2015	Sampling Date:	11/30/2015
Reported:	12/08/2015	Sampling Type:	Soil
Project Name:	STATE CM LEASE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #529		

**Sample ID: SP 1 @ 2' (H503144-01)**

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	12/03/2015	ND	1.71	85.5	2.00	0.862		
Toluene*	<0.050	0.050	12/03/2015	ND	1.71	85.5	2.00	0.866		
Ethylbenzene*	<0.050	0.050	12/03/2015	ND	1.77	88.4	2.00	1.29		
Total Xylenes*	<0.150	0.150	12/03/2015	ND	5.34	89.0	6.00	1.20		
Total BTEX	<0.300	0.300	12/03/2015	ND						

*Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140*

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	12/03/2015	ND	193	96.3	200	4.68		
<b>DRO &gt;C10-C28</b>	<b>352</b>	100	12/03/2015	ND	190	94.8	200	6.86		

*Surrogate: 1-Chlorooctane 102 % 35-147*
*Surrogate: 1-Chlorooctadecane 138 % 28-171*

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	12/01/2015	Sampling Date:	11/30/2015
Reported:	12/08/2015	Sampling Type:	Soil
Project Name:	STATE CM LEASE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #529		

**Sample ID: SP 1 @ 3' (H503144-02)**

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	12/03/2015	ND	1.71	85.5	2.00	0.862	
<b>Toluene*</b>	<b>0.069</b>	0.050	12/03/2015	ND	1.71	85.5	2.00	0.866	
<b>Ethylbenzene*</b>	<b>0.176</b>	0.050	12/03/2015	ND	1.77	88.4	2.00	1.29	
<b>Total Xylenes*</b>	<b>0.386</b>	0.150	12/03/2015	ND	5.34	89.0	6.00	1.20	
<b>Total BTEX</b>	<b>0.630</b>	0.300	12/03/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.6-140

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	12/03/2015	ND	193	96.3	200	4.68	
<b>DRO &gt;C10-C28</b>	<b>646</b>	50.0	12/03/2015	ND	190	94.8	200	6.86	

Surrogate: 1-Chlorooctane 95.8 % 35-147

Surrogate: 1-Chlorooctadecane 139 % 28-171

**Sample ID: SP 4 @ 2' (H503144-03)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>288</b>	16.0	12/04/2015	ND	432	108	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	12/01/2015	Sampling Date:	11/30/2015
Reported:	12/08/2015	Sampling Type:	Soil
Project Name:	STATE CM LEASE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #529		

**Sample ID: SP 4 @ 3' (H503144-04)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	12/04/2015	ND	432	108	400	0.00	

**Sample ID: SP 5 @ 2' (H503144-05)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	12/04/2015	ND	432	108	400	0.00	

**Sample ID: SP 5 @ 3' (H503144-06)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	12/04/2015	ND	432	108	400	0.00	

**Sample ID: SP 6 @ 2' (H503144-07)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	12/04/2015	ND	432	108	400	0.00	

**Sample ID: SP 6 @ 3' (H503144-08)**

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	12/04/2015	ND	432	108	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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:	12/01/2015	Sampling Date:	11/30/2015
Reported:	12/08/2015	Sampling Type:	Soil
Project Name:	STATE CM LEASE	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #529		

**Sample ID: SP 7 @ 2' (H503144-09)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>800</b>	16.0	12/04/2015	ND	432	108	400	0.00	

**Sample ID: SP 7 @ 3' (H503144-10)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Chloride</b>	<b>608</b>	16.0	12/04/2015	ND	432	108	400	0.00	

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



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

---

Cardinal Laboratories

\*=Accredited Analyte

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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



---

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**

1 of 1

**BILL TO**

**ANALYSIS REQUEST**

Company Name: BBC International, Inc.		P.O. #:	
Project Manager: Cliff Brunson		Company:	
Address: P.O. Box 805		Attn:	
City: Hobbs		Address:	
Phone #: 575-397-6388		State: NM Zip: 88241	
Project #:		Project Owner: Oxy	
Project Name:		City:	
Project Location: Hwy # 529		State:	
Project Name: Payer Hernandez		Zip:	
Sample Name:		Phone #:	
FOR LAB USE ONLY		Fax #:	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	BTEX	CHLORIDE	
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :						ACID/BASE:
H503144	SP1 @ 2' V	G	1								11-20-15	9:00			
	SP2 @ 3' V	G	1								11-30-15	9:25			
	SP4 @ 2' V	G	1								11-30-15	9:50			
	SP4 @ 3' V	G	1								11-30-15	10:15			
	SP5 @ 2' V	G	1								11-30-15	10:40			
	SP5 @ 3' V	G	1								11-30-15	11:05			
	SP6 @ 2' V	G	1								11-30-15	11:30			
	SP6 @ 3' V	G	1								11-30-15	11:55			
	SP7 @ 2' V	G	1								11-30-15	10:8			
	SP7 @ 3' V	G	1								11-30-15	11:32			

Relinquished By: Payer Hernandez	Date: 11-01-15	Received By: Sonnie Gelsky	Date: 11-20-15
Relinquished By: Sonnie Gelsky	Date: 11-11-15	Received By: Payer Hernandez	Date: 11-11-15
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	2.40	Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) Payer Hernandez

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**

<b>OPERATOR</b>		<input checked="" type="checkbox"/> Initial Report	<input type="checkbox"/> Final Report
Name of Company	Oxy Permian Ltd.	Contact	Dusty Wilson
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(432) 685-5771
Facility Name	State CM Btry	Facility Type	Battery
Surface Owner	Mineral Owner	API No. 30-025-01574	

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
NE ¼	2	18S	33E					Lea County, NM

Latitude N 32.78167° Longitude W 103.63077°

**NATURE OF RELEASE**

Type of Release	Oil and Produced water	Volume of Release	50 bbl oil, 60 bbls produced water	Volume Recovered	100 bbls
Source of Release	Heater treater manway plate gasket blew out	Date and Hour of Occurrence	10/28/2015	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? Kellie Jones, Jamie Keyes-NMOCD			
By Whom?	Kathy @ BBC International Inc.	Date and Time	10/29/2015	If YES, Volume Impacting the Watercourse.	
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

If a Watercourse was Impacted, Describe Fully.\*

Describe Cause of Problem and Remedial Action Taken.\*

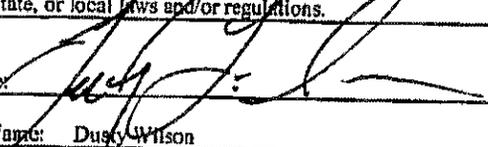
Heater treater manway plate gasket blew out leaking 50 bbls of oil and 60 bbls of produced water. A vacuum truck recovered 100 bbls of fluid and the gasket was replaced.

Describe Area Affected and Cleanup Action Taken.\*

The affected area is approximately 25' x 100' on location inside the berm and 50' x 100' outside of the berm both on and off the location. Remediation will be completed in accordance with the remediation plan approved by NMOCD.

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.

**OIL CONSERVATION DIVISION**

Signature:   
Printed Name: Dusty Wilson  
Title: Environmental Advisor  
E-mail Address: Dusty.Wilson@oxy.com  
Date: 11/19/2015 Phone: (432) 685-5771

Approved by Environmental Specialist:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached

\* Attach Additional Sheets If Necessary