



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

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## **OXY – EVA E BLINEBRY FEDERAL BATTERY**

### **REMEDIATION PLAN**

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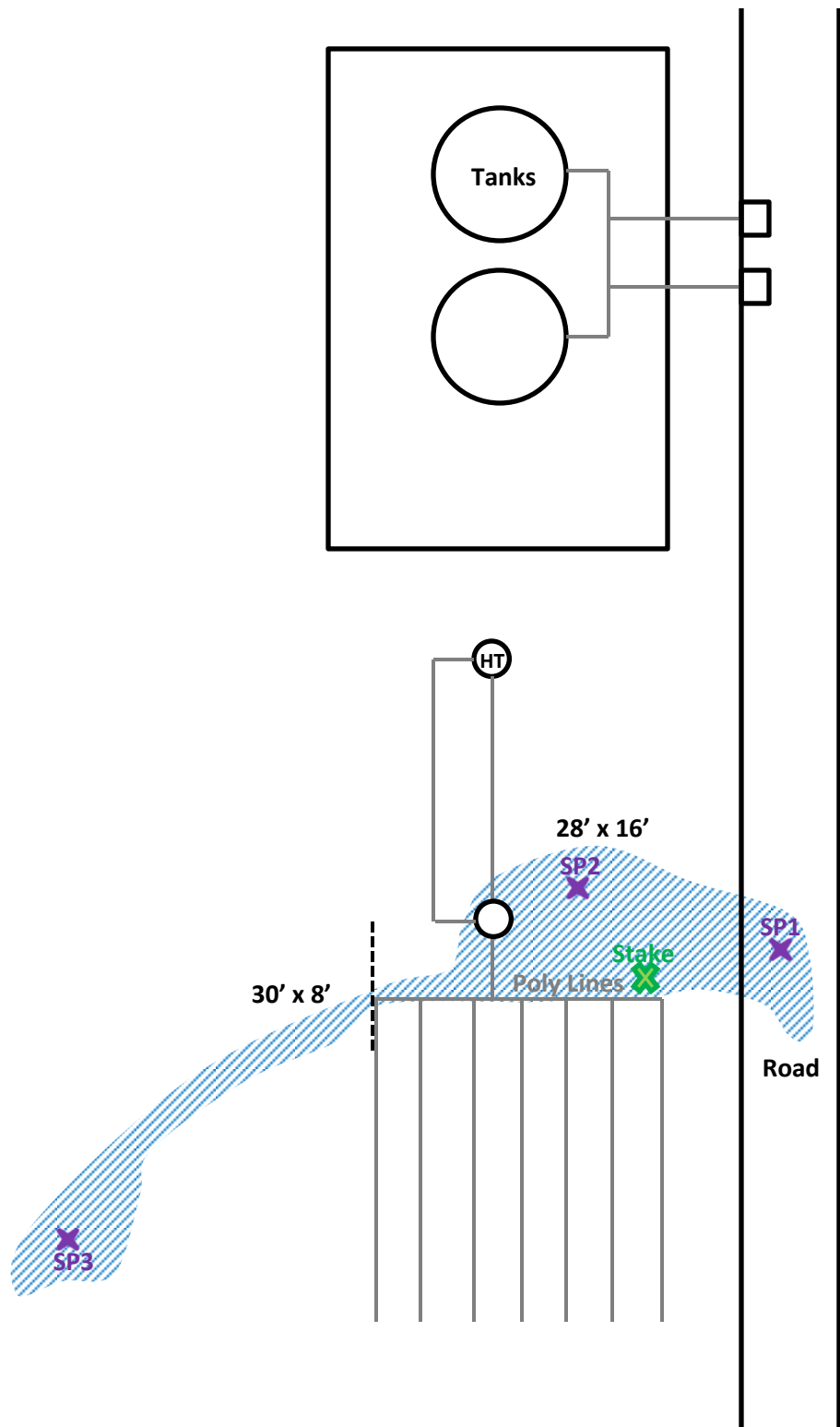
OXY will excavate the spill area as depicted on the following site diagram. The entire spill area will be excavated to a depth of 6 inches. The entire site will be backfilled with clean soil.

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



Oxy

# Eva E Blinebry Federal Battery



U/L G, Section 34, T23S, R37E

Lea County, NM

N 32.26360° W 103.14557°

API#30-025-10937

**BBC International, Inc.**

**Oxy**

**Eva E Blinebry Federal Battery**

Date: 05/03/2016

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2016



# Groundwater Plot

## Oxy Eva E Blinebry Federal Battery

County  
Lea

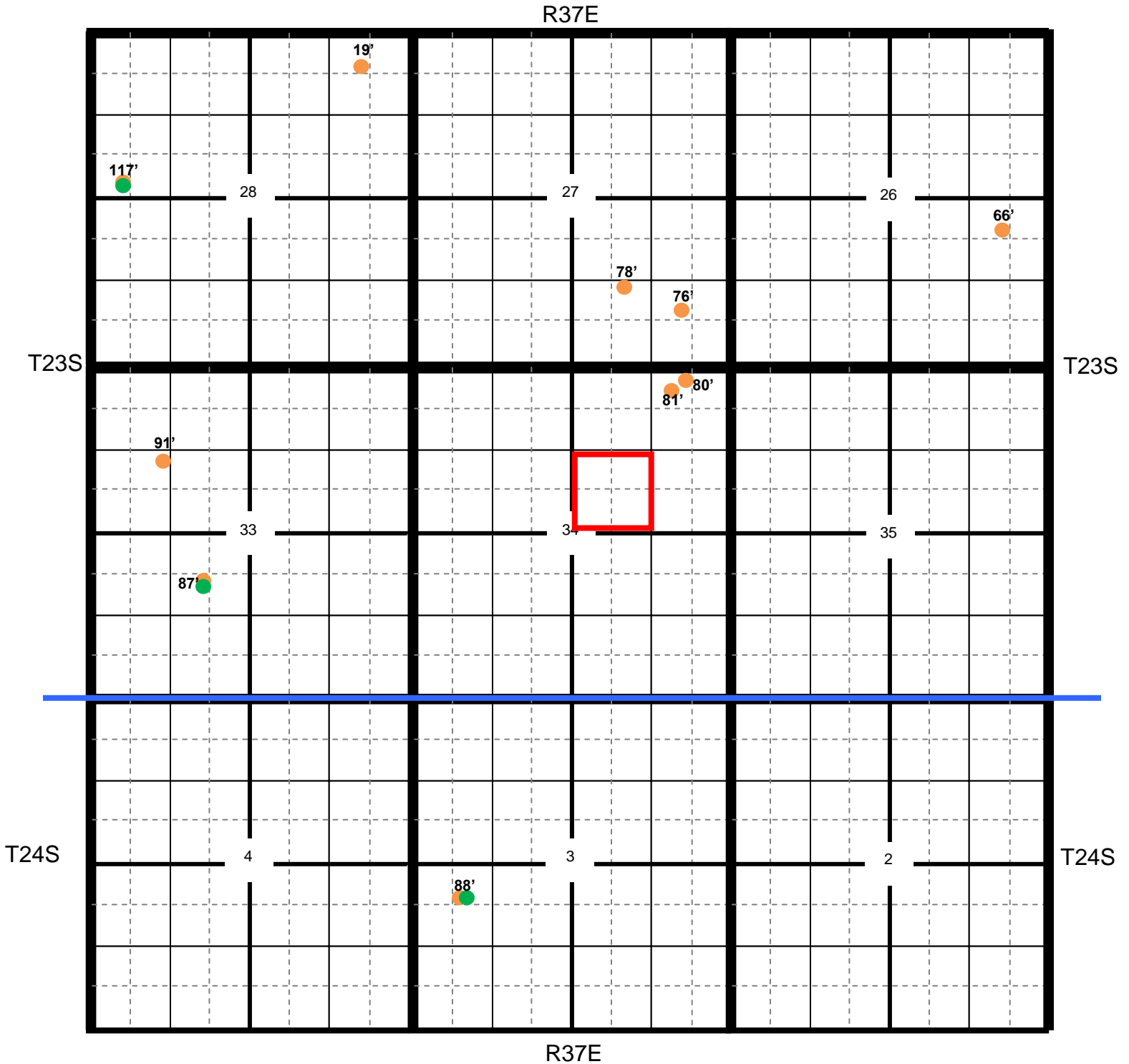
Unit Letter  
G

Section  
34

Township  
23S

Range  
37E

Trend Map 75'-100'



Location

OCD

USGS

SEO

All Databases

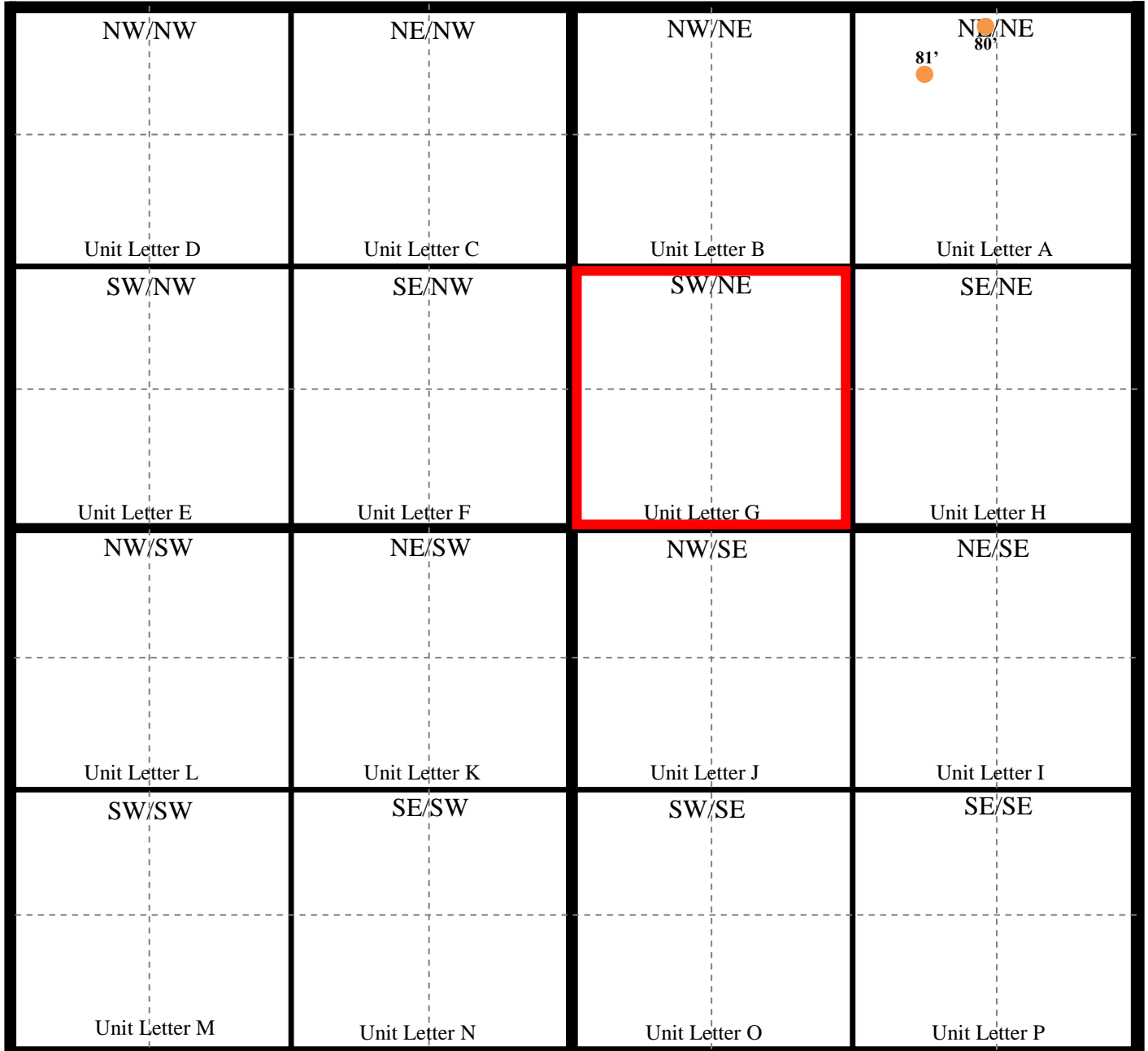
# Oxy Eva E Blinebry Federal Battery

County Lea Unit Letter G Section 34 Township 23S Range 34E

Trend Map 75'-100'

1

2



3

4

**Laboratory Analytical Results Summary  
Eva E Blinebry Federal Battery**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
Analyte	Method	Date	5/9/16	5/9/16	5/9/16	5/9/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
<b>Toluene</b>	BTEX 8021B		<b>0.603</b>	<0.050	<0.050	<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<b>0.503</b>	<0.050	<0.050	<0.050
<b>Total Xylenes</b>	BTEX 8021B		<b>1.93</b>	<0.150	<0.150	<0.150
<b>Total BTEX</b>	BTEX 8021B		<b>3.04</b>	<0.300	<0.300	<0.300
<b>Chloride</b>	SM4500Cl-B		<b>80</b>	<b>48</b>	<b>48</b>	<b>64</b>
<b>GRO</b>	TPH 8015M		<b>36.9</b>	<10.0	<10.0	<10.0
<b>DRO</b>	TPH 8015M		<b>269</b>	<b>158</b>	<b>24.4</b>	<b>48.2</b>

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	5/9/16	5/9/16	5/9/16	5/9/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.100	<0.050	<0.050	<0.050
<b>Toluene</b>	BTEX 8021B		<b>4.7</b>	<0.050	<0.050	<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<b>3.11</b>	<0.050	<0.050	<0.050
<b>Total Xylenes</b>	BTEX 8021B		<b>10.8</b>	<b>0.166</b>	<0.150	<0.150
<b>Total BTEX</b>	BTEX 8021B		<b>18.6</b>	<0.300	<0.300	<0.300
<b>Chloride</b>	SM4500Cl-B		<b>64</b>	<b>64</b>	<b>32</b>	<b>64</b>
<b>GRO</b>	TPH 8015M		<b>145</b>	<b>14.6</b>	<10.0	<10.0
<b>DRO</b>	TPH 8015M		<b>567</b>	<b>256</b>	<b>106</b>	<b>68.6</b>

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	5/9/16	5/9/16	5/9/16
			mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.050	<0.050	<0.050
<b>Toluene</b>	BTEX 8021B		<0.050	<0.050	<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<0.050	<0.050	<0.050
<b>Total Xylenes</b>	BTEX 8021B		<0.150	<0.150	<0.150
<b>Total BTEX</b>	BTEX 8021B		<0.300	<0.300	<0.300
<b>Chloride</b>	SM4500Cl-B		<b>480</b>	<b>48</b>	<b>32</b>
<b>GRO</b>	TPH 8015M		<10.0	<10.0	<10.0
<b>DRO</b>	TPH 8015M		<b>275</b>	<b>154</b>	<b>26.8</b>

May 13, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: EVA BLINEBURY

Enclosed are the results of analyses for samples received by the laboratory on 05/10/16 10:25.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-15-7. 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,



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: 05/10/2016  
Reported: 05/13/2016  
Project Name: EVA BLINEBURY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 05/09/2016  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 1 @ 1' (H601017-01)**

BTX 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	05/11/2016	ND	2.17	108	2.00	0.647	
<b>Toluene*</b>	<b>0.603</b>	0.050	05/11/2016	ND	2.09	105	2.00	0.503	
<b>Ethylbenzene*</b>	<b>0.503</b>	0.050	05/11/2016	ND	1.92	95.8	2.00	1.64	
<b>Total Xylenes*</b>	<b>1.93</b>	0.150	05/11/2016	ND	6.02	100	6.00	1.11	
<b>Total BTX</b>	<b>3.04</b>	0.300	05/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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>80.0</b>	16.0	05/12/2016	ND	416	104	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>36.9</b>	10.0	05/11/2016	ND	198	98.8	200	0.370	
<b>DRO &gt;C10-C28</b>	<b>269</b>	10.0	05/11/2016	ND	182	91.1	200	6.86	

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 87.3 % 28-171

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: 05/10/2016  
Reported: 05/13/2016  
Project Name: EVA BLINEBURY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 05/09/2016  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 1 @ 2' (H601017-02)**

BTX 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	05/11/2016	ND	2.17	108	2.00	0.647	
Toluene*	<0.050	0.050	05/11/2016	ND	2.09	105	2.00	0.503	
Ethylbenzene*	<0.050	0.050	05/11/2016	ND	1.92	95.8	2.00	1.64	
Total Xylenes*	<0.150	0.150	05/11/2016	ND	6.02	100	6.00	1.11	
Total BTX	<0.300	0.300	05/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/12/2016	ND	416	104	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	05/11/2016	ND	198	98.8	200	0.370	
DRO >C10-C28	158	10.0	05/11/2016	ND	182	91.1	200	6.86	

Surrogate: 1-Chlorooctane 102 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Received: 05/10/2016  
Reported: 05/13/2016  
Project Name: EVA BLINEBURY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 05/09/2016  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 1 @ 3' (H601017-03)**

BTX 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	05/11/2016	ND	2.17	108	2.00	0.647	
Toluene*	<0.050	0.050	05/11/2016	ND	2.09	105	2.00	0.503	
Ethylbenzene*	<0.050	0.050	05/11/2016	ND	1.92	95.8	2.00	1.64	
Total Xylenes*	<0.150	0.150	05/11/2016	ND	6.02	100	6.00	1.11	
Total BTX	<0.300	0.300	05/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/12/2016	ND	416	104	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	05/11/2016	ND	198	98.8	200	0.370	
DRO >C10-C28	24.4	10.0	05/11/2016	ND	182	91.1	200	6.86	

Surrogate: 1-Chlorooctane 85.1 % 35-147

Surrogate: 1-Chlorooctadecane 99.9 % 28-171

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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:	05/10/2016	Sampling Date:	05/09/2016
Reported:	05/13/2016	Sampling Type:	Soil
Project Name:	EVA BLINEBURY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 4' (H601017-04)**

BTX 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	05/11/2016	ND	2.17	108	2.00	0.647	
Toluene*	<0.050	0.050	05/11/2016	ND	2.09	105	2.00	0.503	
Ethylbenzene*	<0.050	0.050	05/11/2016	ND	1.92	95.8	2.00	1.64	
Total Xylenes*	<0.150	0.150	05/11/2016	ND	6.02	100	6.00	1.11	
Total BTX	<0.300	0.300	05/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.0 % 73.6-140

Chloride, SM4500CI-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	05/12/2016	ND	416	104	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	05/11/2016	ND	198	98.8	200	0.370	
DRO >C10-C28	48.2	10.0	05/11/2016	ND	182	91.1	200	6.86	

Surrogate: 1-Chlorooctane 93.6 % 35-147

Surrogate: 1-Chlorooctadecane 116 % 28-171

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

Received: 05/10/2016  
Reported: 05/13/2016  
Project Name: EVA BLINEBURY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 05/09/2016  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 1' (H601017-05)**

BTEx 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	05/11/2016	ND	2.17	108	2.00	0.647	
Toluene*	4.70	0.100	05/11/2016	ND	2.09	105	2.00	0.503	
Ethylbenzene*	3.11	0.100	05/11/2016	ND	1.92	95.8	2.00	1.64	
Total Xylenes*	10.8	0.300	05/11/2016	ND	6.02	100	6.00	1.11	
Total BTEX	18.6	0.600	05/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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
Chloride	64.0	16.0	05/12/2016	ND	416	104	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	145	50.0	05/11/2016	ND	198	98.8	200	0.370	
DRO >C10-C28	567	50.0	05/11/2016	ND	182	91.1	200	6.86	

Surrogate: 1-Chlorooctane 94.3 % 35-147

Surrogate: 1-Chlorooctadecane 98.4 % 28-171

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

Received: 05/10/2016  
Reported: 05/13/2016  
Project Name: EVA BLINEBURY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 05/09/2016  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 2' (H601017-06)**

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	05/11/2016	ND	2.17	108	2.00	0.647	
Toluene*	<0.050	0.050	05/11/2016	ND	2.09	105	2.00	0.503	
Ethylbenzene*	<0.050	0.050	05/11/2016	ND	1.92	95.8	2.00	1.64	
<b>Total Xylenes*</b>	<b>0.166</b>	0.150	05/11/2016	ND	6.02	100	6.00	1.11	
Total BTEx	<0.300	0.300	05/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 73.6-140

Chloride, SM4500CI-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	05/12/2016	ND	416	104	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	14.6	10.0	05/11/2016	ND	198	98.8	200	0.370	
DRO >C10-C28	256	10.0	05/11/2016	ND	182	91.1	200	6.86	

Surrogate: 1-Chlorooctane 90.1 % 35-147

Surrogate: 1-Chlorooctadecane 92.1 % 28-171

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: 05/10/2016  
Reported: 05/13/2016  
Project Name: EVA BLINEBURY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 05/09/2016  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 3' (H601017-07)**

BTX 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	05/11/2016	ND	2.17	108	2.00	0.647	
Toluene*	<0.050	0.050	05/11/2016	ND	2.09	105	2.00	0.503	
Ethylbenzene*	<0.050	0.050	05/11/2016	ND	1.92	95.8	2.00	1.64	
Total Xylenes*	<0.150	0.150	05/11/2016	ND	6.02	100	6.00	1.11	
Total BTX	<0.300	0.300	05/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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
Chloride	32.0	16.0	05/12/2016	ND	416	104	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	05/11/2016	ND	198	98.8	200	0.370	
DRO >C10-C28	106	10.0	05/11/2016	ND	182	91.1	200	6.86	

Surrogate: 1-Chlorooctane 77.9 % 35-147

Surrogate: 1-Chlorooctadecane 90.5 % 28-171

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: 05/10/2016  
 Reported: 05/13/2016  
 Project Name: EVA BLINEBURY  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 05/09/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 4' (H601017-08)**

BTX 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	05/11/2016	ND	2.17	108	2.00	0.647	
Toluene*	<0.050	0.050	05/11/2016	ND	2.09	105	2.00	0.503	
Ethylbenzene*	<0.050	0.050	05/11/2016	ND	1.92	95.8	2.00	1.64	
Total Xylenes*	<0.150	0.150	05/11/2016	ND	6.02	100	6.00	1.11	
Total BTX	<0.300	0.300	05/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 73.6-140

Chloride, SM4500CI-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	05/12/2016	ND	416	104	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	05/11/2016	ND	198	98.8	200	0.370	
DRO >C10-C28	68.6	10.0	05/11/2016	ND	182	91.1	200	6.86	

Surrogate: 1-Chlorooctane 88.5 % 35-147

Surrogate: 1-Chlorooctadecane 111 % 28-171

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

 Received: 05/10/2016  
 Reported: 05/13/2016  
 Project Name: EVA BLINEBURY  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 05/09/2016  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 3 @ 1' (H601017-09)**

BTX 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	05/11/2016	ND	2.17	108	2.00	0.647	
Toluene*	<0.050	0.050	05/11/2016	ND	2.09	105	2.00	0.503	
Ethylbenzene*	<0.050	0.050	05/11/2016	ND	1.92	95.8	2.00	1.64	
Total Xylenes*	<0.150	0.150	05/11/2016	ND	6.02	100	6.00	1.11	
Total BTX	<0.300	0.300	05/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	05/12/2016	ND	416	104	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	05/11/2016	ND	198	98.8	200	0.370	
DRO >C10-C28	275	10.0	05/11/2016	ND	182	91.1	200	6.86	

Surrogate: 1-Chlorooctane 97.7 % 35-147

Surrogate: 1-Chlorooctadecane 111 % 28-171

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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: 05/10/2016  
Reported: 05/13/2016  
Project Name: EVA BLINEBURY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 05/09/2016  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 3 @ 2' (H601017-10)**

BTX 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	05/11/2016	ND	2.17	108	2.00	0.647	
Toluene*	<0.050	0.050	05/11/2016	ND	2.09	105	2.00	0.503	
Ethylbenzene*	<0.050	0.050	05/11/2016	ND	1.92	95.8	2.00	1.64	
Total Xylenes*	<0.150	0.150	05/11/2016	ND	6.02	100	6.00	1.11	
Total BTX	<0.300	0.300	05/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	05/12/2016	ND	416	104	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	05/11/2016	ND	198	98.8	200	0.370	
DRO >C10-C28	154	10.0	05/11/2016	ND	182	91.1	200	6.86	

Surrogate: 1-Chlorooctane 90.3 % 35-147

Surrogate: 1-Chlorooctadecane 96.5 % 28-171

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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: 05/10/2016  
Reported: 05/13/2016  
Project Name: EVA BLINEBURY  
Project Number: NONE GIVEN  
Project Location: NOT GIVEN

Sampling Date: 05/09/2016  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 3 @ 3' (H601017-11)**

BTX 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	05/11/2016	ND	2.17	108	2.00	0.647	
Toluene*	<0.050	0.050	05/11/2016	ND	2.09	105	2.00	0.503	
Ethylbenzene*	<0.050	0.050	05/11/2016	ND	1.92	95.8	2.00	1.64	
Total Xylenes*	<0.150	0.150	05/11/2016	ND	6.02	100	6.00	1.11	
Total BTX	<0.300	0.300	05/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	05/12/2016	ND	416	104	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	05/11/2016	ND	198	98.8	200	0.370	
DRO >C10-C28	26.8	10.0	05/11/2016	ND	182	91.1	200	6.86	

Surrogate: 1-Chlorooctane 97.3 % 35-147

Surrogate: 1-Chlorooctadecane 105 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager



# ARDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: Eva Blueway

Project Location:

Sampler Name: Roger Hernandez

FOR LAB USE ONLY

P.O. #:

Company: OKU

Attn: Casey Summers

Address:

City:

State: Zip:

Phone #: Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												
H001017	SP101'		1							5-9-16	952	TPH									
	@2'		1							5-9-16	1028	BTEX									
	@3'		1							5-9-16	1052	CL-									
	@4'		1							5-9-16	1127										
	SP201'		1							5-9-16	1240										
	@2'		1							5-9-16	105										
	@3'		1							5-9-16	129										
	@4'		1							5-9-16	150										
	SP301'		1							5-9-16	230										
	@2'		1							5-9-16	245										

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Relinquished By:

Date: 5-9-16

Received By:

Phone Result:

Fax Result:

REMARKS:

Relinquished By:

Date: 5-9-16

Received By:

Phone Result:

Fax Result:

REMARKS:

Relinquished By:

Date: 5-9-16

Received By:

Phone Result:

Fax Result:

REMARKS:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

Sample Condition

Cool ☐ Intact ☐

CHECKED BY:

(Initials)

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

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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

2 of 2

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		P.O. #:			
Address: P.O. Box 805		Company:		CXY	
City: Hobbs		Attn:		Casey Jennings	
State: NM zip: 88241		Address:			
Phone #: 575-397-6388		City:			
Fax #: 575-397-0397		State:			
Project #:		Zip:			
Project Owner:		Phone #:			
Project Name:		Fax #:			
Project Location:					
Sampler Name:					

FOR LAB USE ONLY		Lab I.D.		Sample I.D.	
		H6D107		SP303	
		(G)RAB OR (C)OMP.			
		# CONTAINERS			
		GROUNDWATER			
		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER :			
		ACID/BASE:			
		ICE / COOL			
		OTHER :			
		DATE		TIME	
		5-9-16		300	
		TPH			
		BTEX			
		CL-			

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Relinquished By:		Date: 5-9-16		Received By:	
		Time: 8:00am			
Relinquished By:		Date: 5/10/16		Received By:	
		Time: 10:23			
Delivered By: (Circle One)		Sample Condition		CHECKED BY: (initials)	
Sampler - UPS - Bus - Other:		<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact			
		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
		<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No			

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

corrected -0.72 #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	Casey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Eva E Blinberry Federal Battery	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	
		API No.	30-025-10937

### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
G	34	23S	37E					Lea County, NM

Latitude N 32.26360° Longitude W 103.14557°

### NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	1 bbl oil, 8 bbls produced water	Volume Recovered	0.5 bbl
Source of Release	Stress/fatigue of heater treater fire tube	Date and Hour of Occurrence	04/29/2016	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?	Jamie Keyes- NMOCD; Shelly Tucker- BLM		
By Whom?	Kathy@ BBC International, Inc.	Date and Hour	04/29/2016 @ 3:22 pm		
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.\*

Stress/Fatigue of the heater treater fire tube caused a spill of 1 bbl of oil and 8 bbls of produced water. A vacuum truck recovered 0.5 bbl of oil and the fire tube was repaired.

Describe Area Affected and Cleanup Action Taken.\*

The affected area is approximately 60' x 15' both on and off location. Remediation will be completed in accordance with a remediation plan approved by both 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: Casey Summers		Approved by Environmental Specialist:	
Title: NM Environmental Advisor		Approval Date:	Expiration Date:
E-mail Address: <a href="mailto:Casey_Summers@oxy.com">Casey_Summers@oxy.com</a>		Conditions of Approval:	
Date: 5-4-16 Phone: (575) 513-8289		Attached <input type="checkbox"/>	

\* Attach Additional Sheets If Necessary