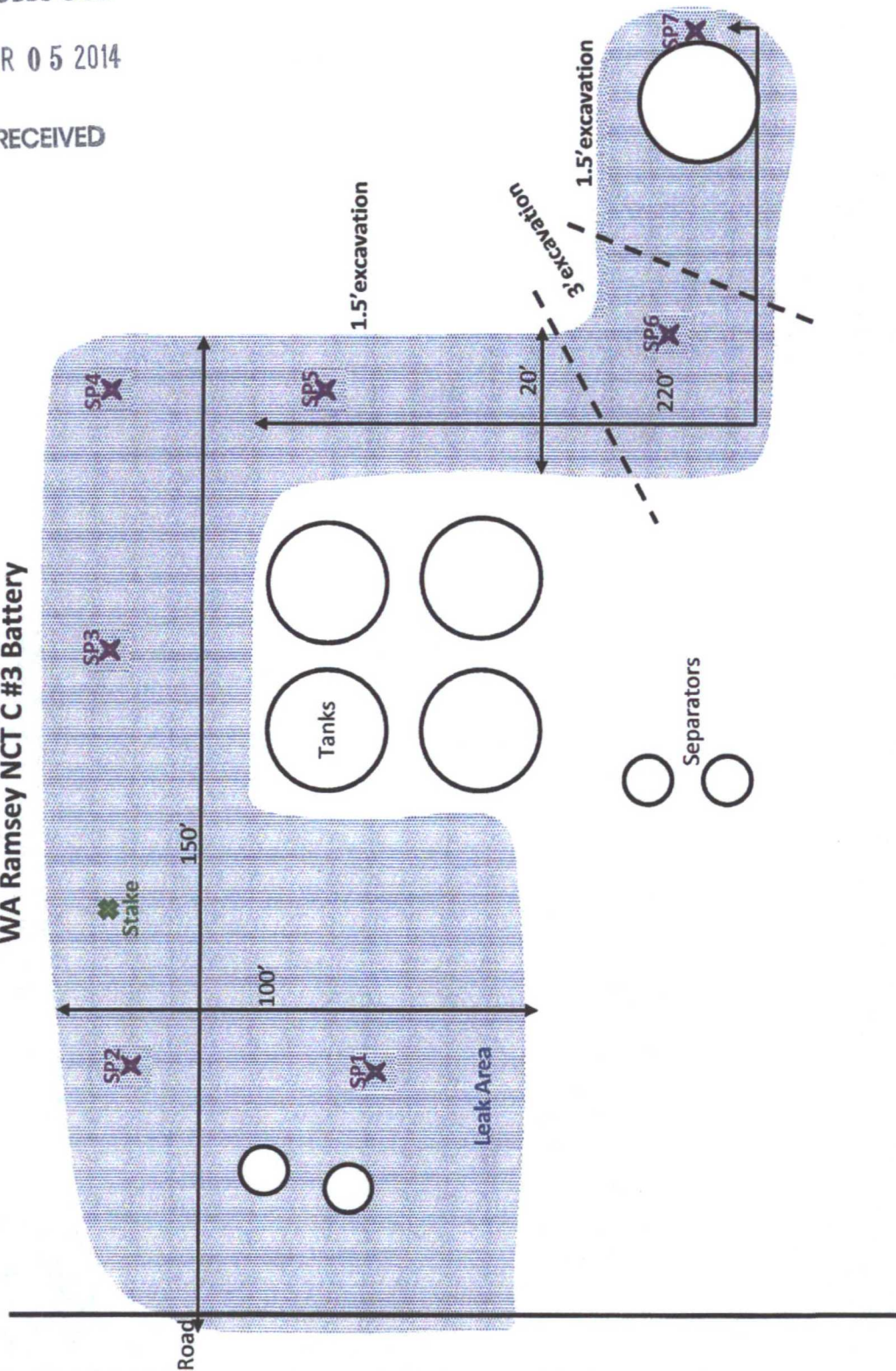


HOBBS OCD

APR 05 2014

RECEIVED

Oxy  
WA Ramsey NCT C #3 Battery



approved  
*Guffrey Sekim*  
Environmental Specialist  
NMOCB-DIST 1  
4/7/14

U/L L, Section 36, T24S, R37E

Lea County, NM

GPS at stake: N 32.17347° W 103.12348°

BBC International, Inc.

Oxy

WA Ramsey NCT C #3 Battery

Date: 02/06/2014 DRWG by: K. Purvis

NOT TO SCALE File: Oxy 2014



# Groundwater Plot

## Oxy WA Ramsey NCT C #3 Battery

County  
Lea

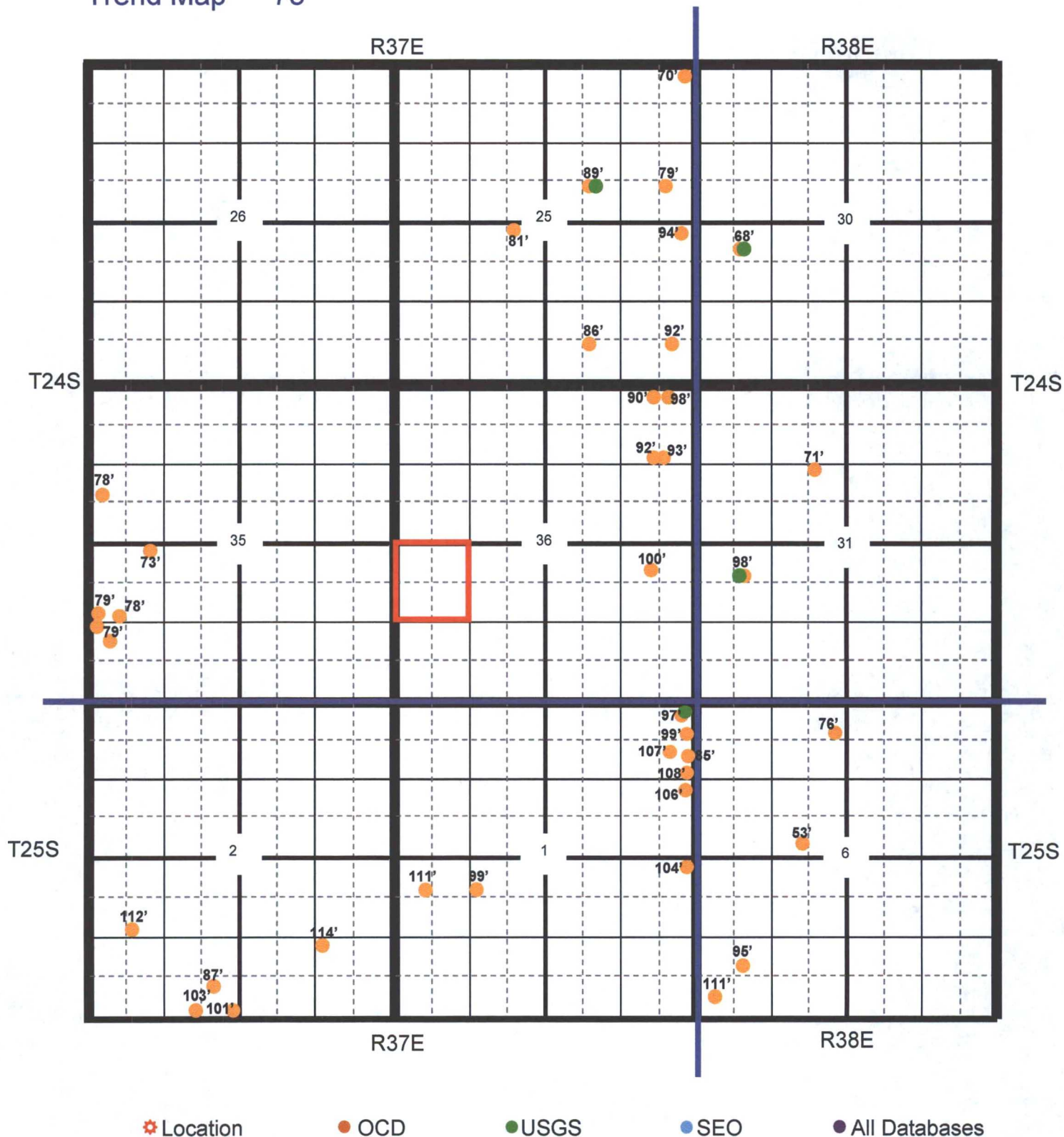
Unit Letter  
L

Section  
36

Township  
24S

Range  
37E

Trend Map 75'

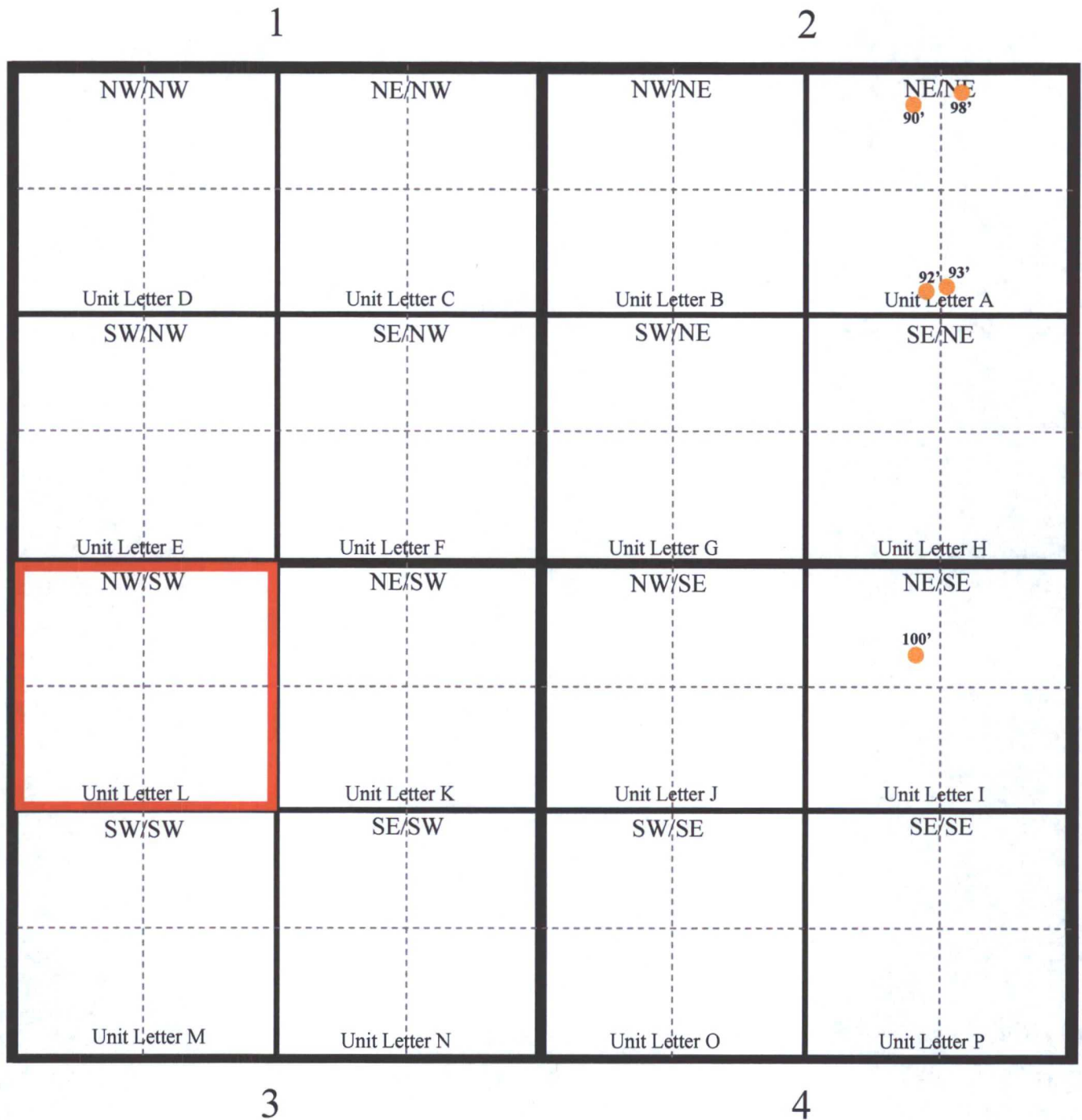


Section Quarters

Oxy WA Ramsey NCT C #3 Battery

County Lea Unit Letter L Section 36 Township 24S Range 37E

Trend Map 75'





Laboratory Analytical Results Summary  
WA Ramesy NCT C #3 Battery

Analyte	Method	Sample	
		Date	2/12/14
Benzene	BTEX 8021B		mg/Kg
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		48
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		64.3

Analyte	Method	Sample	
		Date	2/12/14
Benzene	BTEX 8021B		mg/Kg
Toluene	BTEX 8021B		<0.200
Ethylbenzene	BTEX 8021B		0.77
Total Xylenes	BTEX 8021B		3.26
Total BTEX	BTEX 8021B		4.03
Chloride	SM4500Cl-B		304
GRO	TPH 8015M		226
DRO	TPH 8015M		2630

Analyte	Method	Sample	
		Date	2/12/14
Benzene	BTEX 8021B		mg/Kg
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		32
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		16.9

Analyte	Method	Sample	
		Date	2/12/14
Benzene	BTEX 8021B		mg/Kg
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		240
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	Sample	
		Date	2/13/14
Benzene	BTEX 8021B		mg/Kg
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		768
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	Sample	
		Date	2/13/14
Benzene	BTEX 8021B		mg/Kg
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		1250
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		22.9

Analyte	Method	Sample	
		Date	2/13/14
Benzene	BTEX 8021B		mg/Kg
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		384
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0





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

February 25, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RAMSEY #3 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/18/14 10:35.

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,

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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/12/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 1 @ 1' (H400483-01)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 96.1 % 61.3-142

Surrogate: Toluene-d8 99.6 % 71.3-129

Surrogate: 4-Bromofluorobenzene 96.9 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/20/2014	ND	386	96.5	400	3.56	

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	02/20/2014	ND	194	96.8	200	13.2	
DRO >C10-C28	<10.0	10.0	02/20/2014	ND	183	91.4	200	14.2	

Surrogate: 1-Chlorooctane 97.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.3 % 63.6-154

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:	02/18/2014	Sampling Date:	02/12/2014
Reported:	02/25/2014	Sampling Type:	Soil
Project Name:	RAMSEY #3 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

**Sample ID: SP 1 @ 2' (H400483-02)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 97.2 % 61.3-142

Surrogate: Toluene-d8 104 % 71.3-129

Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/20/2014	ND	386	96.5	400	3.56	

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	02/20/2014	ND	194	96.8	200	13.2	
DRO >C10-C28	64.3	10.0	02/20/2014	ND	183	91.4	200	14.2	

Surrogate: 1-Chlorooctane 98.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/12/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 1' (H400483-03)**

BTX 8260B			mg/kg		Analyzed By: MS			S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.200	0.200	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	0.770	0.200	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	3.26	0.600	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	4.03	1.20	02/25/2014	ND					

Surrogate: Dibromofluoromethane 95.0 % 61.3-142

Surrogate: Toluene-d8 103 % 71.3-129

Surrogate: 4-Bromofluorobenzene 247 % 65.7-141

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	02/20/2014	ND	386	96.5	400	3.56	

TPH 8015M			mg/kg		Analyzed By: ms				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	226	50.0	02/20/2014	ND	194	96.8	200	13.2	
DRO >C10-C28	2630	50.0	02/20/2014	ND	183	91.4	200	14.2	

Surrogate: 1-Chlorooctane 119 % 65.2-140

Surrogate: 1-Chlorooctadecane 138 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/12/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 2' (H400483-04)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTEX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 97.5 % 61.3-142

Surrogate: Toluene-d8 100 % 71.3-129

Surrogate: 4-Bromofluorobenzene 104 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/20/2014	ND	386	96.5	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

Surrogate: 1-Chlorooctane 104 % 65.2-140

Surrogate: 1-Chlorooctadecane 104 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/12/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 2 @ 3' (H400483-05)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTEx	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 95.4 % 61.3-142

Surrogate: Toluene-d8 99.3 % 71.3-129

Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/20/2014	ND	386	96.5	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

Surrogate: 1-Chlorooctane 116 % 65.2-140

Surrogate: 1-Chlorooctadecane 117 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/12/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 3 @ 1' (H400483-06)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTEX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 95.7 % 61.3-142

Surrogate: Toluene-d8 99.7 % 71.3-129

Surrogate: 4-Bromofluorobenzene 100 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	02/20/2014	ND	386	96.5	400	3.56	
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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	16.9	10.0	02/21/2014	ND	212	106	200	3.87	

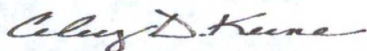
Surrogate: 1-Chlorooctane 107 % 65.2-140

Surrogate: 1-Chlorooctadecane 110 % 63.6-154

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:	02/18/2014	Sampling Date:	02/12/2014
Reported:	02/25/2014	Sampling Type:	Soil
Project Name:	RAMSEY #3 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

**Sample ID: SP 3 @ 2' (H400483-07)**

BTX 8260B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 99.5 % 61.3-142

Surrogate: Toluene-d8 101 % 71.3-129

Surrogate: 4-Bromofluorobenzene 100 % 65.7-141

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	02/20/2014	ND	386	96.5	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

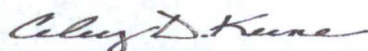
Surrogate: 1-Chlorooctane 95.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.4 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/12/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 4 @ 1' (H400483-08)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTEx	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 95.7 % 61.3-142

Surrogate: Toluene-d8 103 % 71.3-129

Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/20/2014	ND	386	96.5	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	


Surrogate: 1-Chlorooctane 91.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 89.7 % 63.6-154

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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:	02/18/2014	Sampling Date:	02/12/2014
Reported:	02/25/2014	Sampling Type:	Soil
Project Name:	RAMSEY #3 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

**Sample ID: SP 4 @ 2' (H400483-09)**

BTEx 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTEx	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 96.8 % 61.3-142

Surrogate: Toluene-d8 101 % 71.3-129

Surrogate: 4-Bromofluorobenzene 101 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

Surrogate: 1-Chlorooctane 92.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.8 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/12/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 4 @ 4' (H400483-10)**

BTEX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTEX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 97.7 % 61.3-142

Surrogate: Toluene-d8 103 % 71.3-129

Surrogate: 4-Bromofluorobenzene 103 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

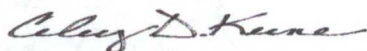
Surrogate: 1-Chlorooctane 98.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.3 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/12/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 4 @ 6' (H400483-11)**

BTEx 8260B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTEx	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 96.3 % 61.3-142

Surrogate: Toluene-d8 104 % 71.3-129

Surrogate: 4-Bromofluorobenzene 101 % 65.7-141

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

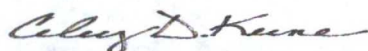
Surrogate: 1-Chlorooctane 89.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 90.4 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/13/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 5 @ 1' (H400483-12)**

BTEX 8260B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTEX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 96.1 % 61.3-142

Surrogate: Toluene-d8 102 % 71.3-129

Surrogate: 4-Bromofluorobenzene 100 % 65.7-141

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	768	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

Surrogate: 1-Chlorooctane 103 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/13/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 5 @ 3' (H400483-13)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 97.3 % 61.3-142

Surrogate: Toluene-d8 103 % 71.3-129

Surrogate: 4-Bromofluorobenzene 101 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

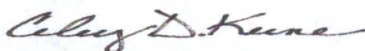
Surrogate: 1-Chlorooctane 97.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 100 % 63.6-154

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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:	02/18/2014	Sampling Date:	02/13/2014
Reported:	02/25/2014	Sampling Type:	Soil
Project Name:	RAMSEY #3 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

**Sample ID: SP 5 @ 4' (H400483-14)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 94.7 % 61.3-142

Surrogate: Toluene-d8 101 % 71.3-129

Surrogate: 4-Bromofluorobenzene 98.8 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

Surrogate: 1-Chlorooctane 92.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 95.5 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/13/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 6 @ 1' (H400483-15)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 97.4 % 61.3-142

Surrogate: Toluene-d8 101 % 71.3-129

Surrogate: 4-Bromofluorobenzene 102 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1250	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	22.9	10.0	02/21/2014	ND	212	106	200	3.87	

Surrogate: 1-Chlorooctane 95.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

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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:	02/18/2014	Sampling Date:	02/13/2014
Reported:	02/25/2014	Sampling Type:	Soil
Project Name:	RAMSEY #3 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

**Sample ID: SP 6 @ 3' (H400483-16)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 96.1 % 61.3-142

Surrogate: Toluene-d8 103 % 71.3-129

Surrogate: 4-Bromofluorobenzene 99.2 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	656	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

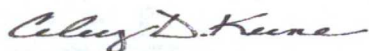
Surrogate: 1-Chlorooctane 91.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 93.5 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/13/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 6 @ 5' (H400483-17)**

BTX 8260B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 99.5 % 61.3-142

Surrogate: Toluene-d8 103 % 71.3-129

Surrogate: 4-Bromofluorobenzene 104 % 65.7-141

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 103 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/13/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 7 @ 1' (H400483-18)**

BTX 8260B			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 95.7 % 61.3-142

Surrogate: Toluene-d8 102 % 71.3-129

Surrogate: 4-Bromofluorobenzene 102 % 65.7-141

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

Surrogate: 1-Chlorooctane 98.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.3 % 63.6-154

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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: 02/18/2014  
Reported: 02/25/2014  
Project Name: RAMSEY #3 BATTERY  
Project Number: NONE GIVEN  
Project Location: JAL, NM

Sampling Date: 02/13/2014  
Sampling Type: Soil  
Sampling Condition: Cool & Intact  
Sample Received By: Jodi Henson

**Sample ID: SP 7 @ 2' (H400483-19)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 100 % 61.3-142

Surrogate: Toluene-d8 103 % 71.3-129

Surrogate: 4-Bromofluorobenzene 100 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

Surrogate: 1-Chlorooctane 105 % 65.2-140

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

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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:	02/18/2014	Sampling Date:	02/13/2014
Reported:	02/25/2014	Sampling Type:	Soil
Project Name:	RAMSEY #3 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	JAL, NM		

**Sample ID: SP 7 @ 3' (H400483-20)**

BTX 8260B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/25/2014	ND	1.96	98.0	2.00	1.35	
Toluene*	<0.050	0.050	02/25/2014	ND	2.00	100	2.00	1.78	
Ethylbenzene*	<0.050	0.050	02/25/2014	ND	1.94	97.2	2.00	3.00	
Total Xylenes*	<0.150	0.150	02/25/2014	ND	5.86	97.7	6.00	2.33	
Total BTX	<0.300	0.300	02/25/2014	ND					

Surrogate: Dibromofluoromethane 96.5 % 61.3-142

Surrogate: Toluene-d8 102 % 71.3-129

Surrogate: 4-Bromofluorobenzene 101 % 65.7-141

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/20/2014	ND	400	100	400	3.56	

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	02/21/2014	ND	217	109	200	2.56	
DRO >C10-C28	<10.0	10.0	02/21/2014	ND	212	106	200	3.87	

Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

### Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by 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

104

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST																													
Project Manager: Cliff Brunson		Company:																															
Address: P.O. Box 805		Attn:																															
City: Hobbs		Address:																															
Phone #: 575-397-6388		City:																															
Fax #: 575-397-0397		State:																															
Project #:		Zip:																															
Project Name: Ramsey #3 Battery		Phone #:																															
Project Location: Jal		Fax #:																															
Sampler Name: Gary Rty		PRESERV		SAMPLING																													
FOR LAB USE ONLY																																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER		SOIL		OIL		SLUDGE		OTHER:		ACID/BASE:		ICE / COOL		OTHER:		DATE		TIME		TPH		B-TPX		CL	
H40083	1 SP 20244 ✓	X		X		X		X		X		X		X		X		X		X		X		2-12-14 10:30		X		X		X			
	2 SP 20244 ✓	X		X		X		X		X		X		X		X		X		X		X		2-12-14 10:45		X		X		X			
	3 SP 20244 ✓	X		X		X		X		X		X		X		X		X		X		X		2-12-14 11:15		X		X		X			
	4 SP 20244 ✓	X		X		X		X		X		X		X		X		X		X		X		2-12-14 11:20		X		X		X			
	5 SP 20244 ✓	X		X		X		X		X		X		X		X		X		X		X		2-12-14 11:30		X		X		X			
	6 SP 20244 ✓	X		X		X		X		X		X		X		X		X		X		X		2-12-14 12:00		X		X		X			
	7 SP 20244 ✓	X		X		X		X		X		X		X		X		X		X		X		2-12-14 12:15		X		X		X			
	8 SP 20244 ✓	X		X		X		X		X		X		X		X		X		X		X		2-12-14 1:35		X		X		X			
	9 SP 20244 ✓	X		X		X		X		X		X		X		X		X		X		X		2-12-14 1:50		X		X		X			
	10 SP 20244 ✓	X		X		X		X		X		X		X		X		X		X		X		2-12-14 2:35		X		X		X			

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Relinquished By:	Date: 2/13/14	Time: 5:14pm	Received By:	Date: 2/13/14	Time: 10:35
Delivered By: (Circle One)	Sample Condition: Cool / Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Checked By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:	Add'l Fax #:
Sampler - UPS - Bus - Other:	5.20	Yes <input type="checkbox"/> No <input type="checkbox"/>	REMARKS:		

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

#54



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

# CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.				<b>P.O. #:</b>			
<b>Project Manager:</b> Cliff Brunson				<b>Company:</b>			
<b>Address:</b> P.O. Box 805				<b>Attn:</b>			
<b>City:</b> Hobbs				<b>State:</b> NM <b>Zip:</b> 88241			
<b>Phone #:</b> 575-397-6388				<b>Fax #:</b> 575-397-0397			
<b>Project #:</b>				<b>Project Owner:</b> OH			
<b>Project Name:</b> Ramsey #3				<b>City:</b>			
<b>Project Location:</b> TEL				<b>State:</b>			
<b>Sample Name:</b> Gary Ray				<b>Phone #:</b>			
<b>FOR LAB USE ONLY</b>				<b>Fax #:</b>			

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
H4DDU463																				
11	SP406 6F+V	G	1	X																
12	SP502 2F+V	G	1	X																
13	SP502 3F+V	G	1	X																
14	SP502 4F+V	G	1	X																
15	SP402 2F+V	G	1	X																
16	SP402 3F+V	G	1	X																
17	SP402 5F+V	G	1	X																
18	SP702 2F+V	G	1	X																
19	SP702 2F+V	G	1	X																
20	SP702 2F+V	G	1	X																

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<b>Relinquished By:</b>	<b>Date:</b> 2/13/14	<b>Received By:</b>	<b>Date:</b> 2/13/14
<b>Relinquished By:</b>	<b>Type:</b> 3/10/14	<b>Received By:</b>	<b>Date:</b> 2/18/14
<b>Time:</b> 10:35		<b>Time:</b> 10:35	

<b>Delivered By:</b> (Circle One)	<b>Sample Condition</b>	<b>CHECKED BY:</b>
Sampler - UPS - Bus - Other:	<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	(initials)

<b>REMARKS:</b>	<b>Phone Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Add'l Phone #:</b>
	<b>Fax Result:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Add'l Fax #:</b>



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

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

Form C-141  
Revised August 8, 2011

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

### Release Notification and Corrective Action

#### OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Chancey Summers
Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	WA Ramsey NCT C #3 Battery	Facility Type	Gathering
Surface Owner	Willis	Mineral Owner	API No.30-025-11374(nearest well)

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	36	24S	37E					Lea County, NM

Latitude N 32.17347° Longitude W 103.12348°

#### NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	25 bbls oil, 35 bbls produced water	Volume Recovered	0 bbls
Source of Release	The bottom of the separator ruptured causing the vessel to fall over	Date and Hour of Occurrence	02/04/2014	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?	Geoffrey Leking- NMOCD		
By Whom?	Kathy Purvis	Date and Hour	02/05/2014 @ 4:01 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.\*

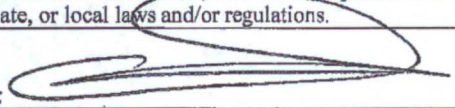
The bottom of the separator ruptured causing the vessel to fall over and leak 25 bbls of oil and 35 bbls of water to leak onto the ground. No fluids were recovered.

Describe Area Affected and Cleanup Action Taken.\*

The affected area is approximately 250' x 250' on location and traveling South and East into the pasture. Remediation will be completed in accordance with a 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: Chancey Summers

Title: HES Specialist

E-mail Address: Chancey.Summers@oxy.com

Date: 2-6-14 Phone: (575) 397-8216

Approved by Environmental Specialist:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

\* Attach Additional Sheets If Necessary