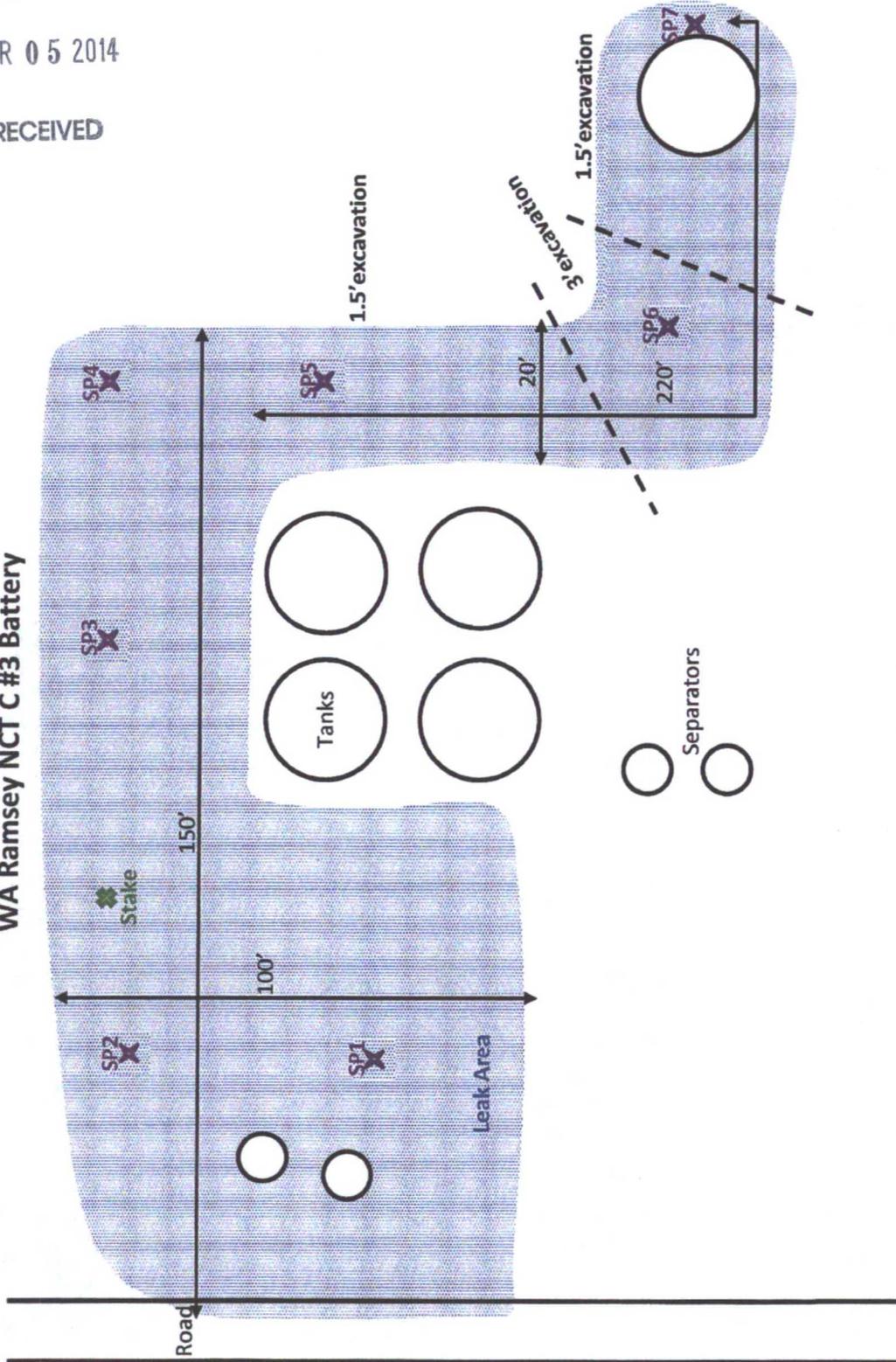


HOBBS OCD
APR 05 2014
RECEIVED

Oxy
WA Ramsey NCT C #3 Battery



approved
Jeffrey Sekim
Environmental Specialist
NMOC-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	

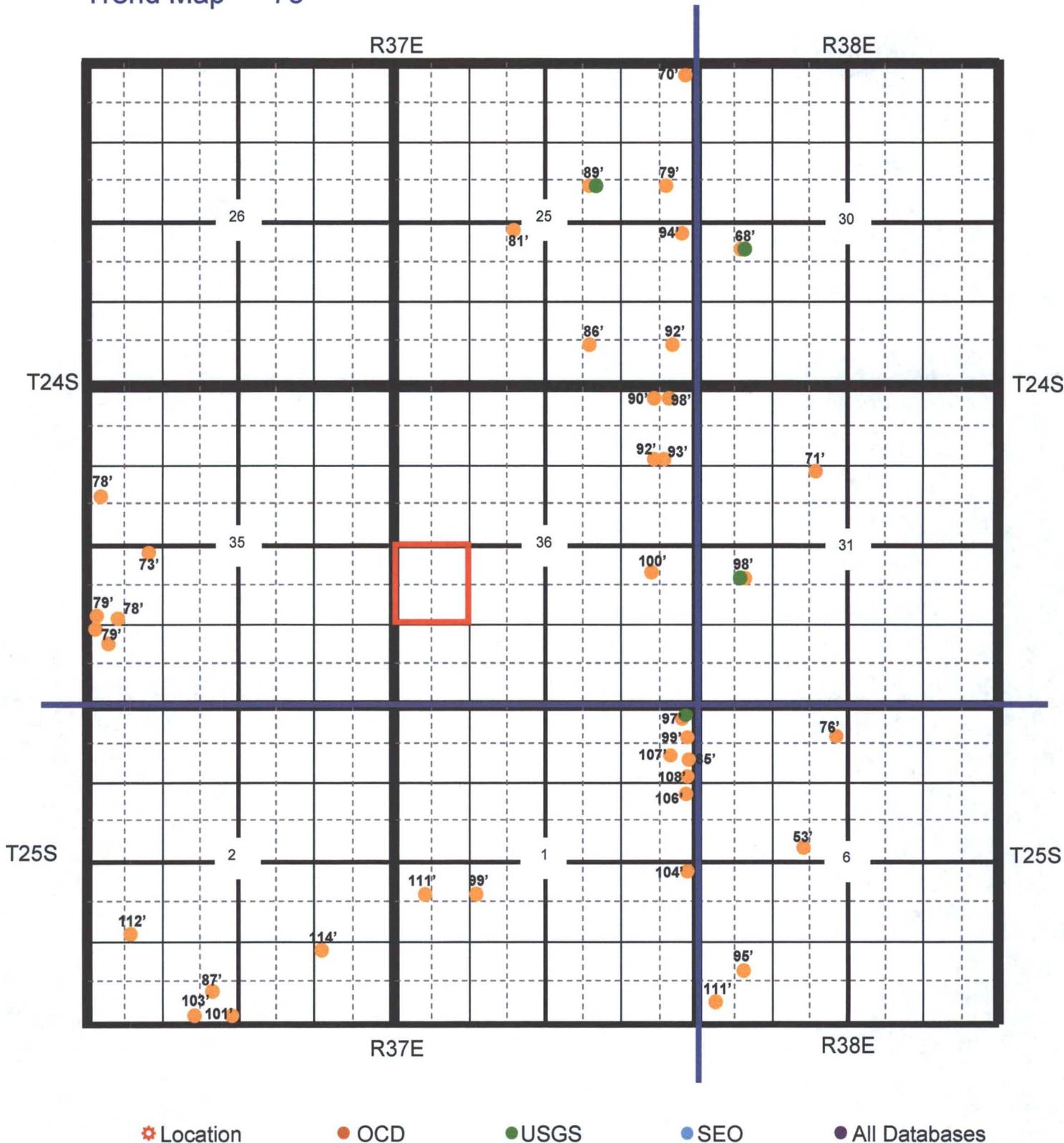


Groundwater Plot

Oxy WA Ramsey NCT C #3 Battery

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

Trend Map 75'





Section Quarters

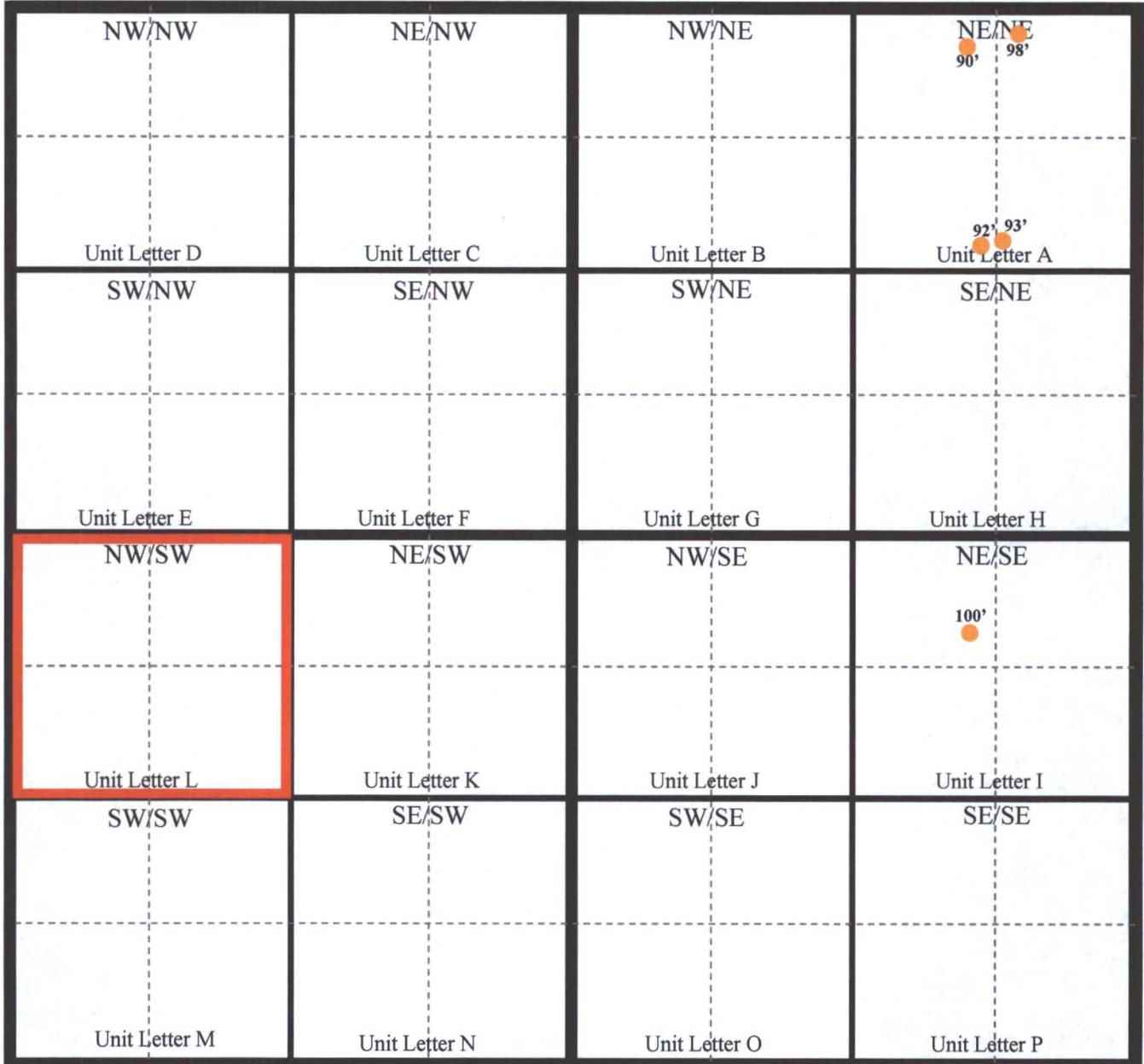
Oxy WA Ramsey NCT C #3 Battery

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

Trend Map 75'

1

2



3

4

● Location
 ● OCD
 ● USGS
 ● SEO
 ● All Databases

Laboratory Analytical Results Summary
WA Ramesy NCT C #3 Battery

Analyte	Method	Sample		SP1 @ 1'		SP1 @ 2'	
		Date		2/12/14	mg/Kg	2/12/14	mg/Kg
Benzene	BTEX 8021B			<0.050	<0.050		
Toluene	BTEX 8021B			<0.050	<0.050		
Ethylbenzene	BTEX 8021B			<0.050	<0.050		
Total Xylenes	BTEX 8021B			<0.150	<0.150		
Total BTEX	BTEX 8021B			<0.300	<0.300		
Chloride	SM4500C-B			48	48		
GRO	TPH 8015M			<10.0	<10.0		
DRO	TPH 8015M			<10.0	64.3		

Analyte	Method	Sample		SP2 @ 1'		SP2 @ 2'		SP2 @ 3'	
		Date		2/12/14	mg/Kg	2/12/14	mg/Kg	2/12/14	mg/Kg
Benzene	BTEX 8021B			<0.200	<0.050		<0.050		<0.050
Toluene	BTEX 8021B			<0.200	<0.050		<0.050		<0.050
Ethylbenzene	BTEX 8021B			0.77	<0.050		<0.050		<0.050
Total Xylenes	BTEX 8021B			3.26	<0.150		<0.150		<0.150
Total BTEX	BTEX 8021B			4.03	<0.300		<0.300		<0.300
Chloride	SM4500C-B			304	160		128		
GRO	TPH 8015M			226	<10.0		<10.0		<10.0
DRO	TPH 8015M			2630	<10.0		<10.0		<10.0

Analyte	Method	Sample		SP3 @ 1'		SP3 @ 2'	
		Date		2/12/14	mg/Kg	2/12/14	mg/Kg
Benzene	BTEX 8021B			<0.050	<0.050		<0.050
Toluene	BTEX 8021B			<0.050	<0.050		<0.050
Ethylbenzene	BTEX 8021B			<0.050	<0.050		<0.050
Total Xylenes	BTEX 8021B			<0.150	<0.150		<0.150
Total BTEX	BTEX 8021B			<0.300	<0.300		<0.300
Chloride	SM4500C-B			32	64		
GRO	TPH 8015M			<10.0	<10.0		<10.0
DRO	TPH 8015M			16.9	<10.0		<10.0

Analyte	Method	Sample		SP4 @ 1'		SP4 @ 2'		SP4 @ 4'		SP4 @ 6'	
		Date		2/12/14	mg/Kg	2/12/14	mg/Kg	2/12/14	mg/Kg	2/12/14	mg/Kg
Benzene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050		<0.050
Toluene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050		<0.050
Ethylbenzene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050		<0.050
Total Xylenes	BTEX 8021B			<0.150	<0.150		<0.150		<0.150		<0.150
Total BTEX	BTEX 8021B			<0.300	<0.300		<0.300		<0.300		<0.300
Chloride	SM4500C-B			240	240		400		112		
GRO	TPH 8015M			<10.0	<10.0		<10.0		<10.0		<10.0
DRO	TPH 8015M			<10.0	<10.0		<10.0		<10.0		<10.0

Analyte	Method	Sample		SP5 @ 1'		SP5 @ 3'		SP5 @ 4'	
		Date		2/13/14	mg/Kg	2/13/14	mg/Kg	2/13/14	mg/Kg
Benzene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050
Toluene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050
Ethylbenzene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050
Total Xylenes	BTEX 8021B			<0.150	<0.150		<0.150		<0.150
Total BTEX	BTEX 8021B			<0.300	<0.300		<0.300		<0.300
Chloride	SM4500C-B			768	192		160		
GRO	TPH 8015M			<10.0	<10.0		<10.0		<10.0
DRO	TPH 8015M			<10.0	<10.0		<10.0		<10.0

Analyte	Method	Sample		SP6 @ 1'		SP6 @ 3'		SP6 @ 5'	
		Date		2/13/14	mg/Kg	2/13/14	mg/Kg	2/13/14	mg/Kg
Benzene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050
Toluene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050
Ethylbenzene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050
Total Xylenes	BTEX 8021B			<0.150	<0.150		<0.150		<0.150
Total BTEX	BTEX 8021B			<0.300	<0.300		<0.300		<0.300
Chloride	SM4500C-B			1250	656		320		
GRO	TPH 8015M			<10.0	<10.0		<10.0		<10.0
DRO	TPH 8015M			22.9	<10.0		<10.0		<10.0

Analyte	Method	Sample		SP7 @ 1'		SP7 @ 2'		SP7 @ 3'	
		Date		2/13/14	mg/Kg	2/13/14	mg/Kg	2/13/14	mg/Kg
Benzene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050
Toluene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050
Ethylbenzene	BTEX 8021B			<0.050	<0.050		<0.050		<0.050
Total Xylenes	BTEX 8021B			<0.150	<0.150		<0.150		<0.150
Total BTEX	BTEX 8021B			<0.300	<0.300		<0.300		<0.300
Chloride	SM4500C-B			384	336		80		
GRO	TPH 8015M			<10.0	<10.0		<10.0		<10.0
DRO	TPH 8015M			<10.0	<10.0		<10.0		<10.0



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.

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	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 @ 1' (H400483-01)

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 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)

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	97.2 %	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	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 2 @ 1' (H400483-03)

BTEX 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 BTEX	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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Analytical Results For:

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 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 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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Analytical Results For:

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 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 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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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 @ 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

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Analytical Results For:

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 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)

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	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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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 @ 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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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		

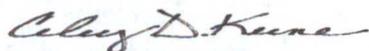
Surrogate: 1-Chlorooctane 92.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 91.8 % 63.6-154

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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 @ 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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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 @ 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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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 @ 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, SM4500CI-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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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 @ 3' (H400483-13)

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 97.3 % 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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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)

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	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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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 @ 1' (H400483-15)

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	97.4 %	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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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)

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 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	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 @ 5' (H400483-17)

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	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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* = Accredited Analyte

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Caley 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 @ 1' (H400483-18)

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 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	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 @ 2' (H400483-19)

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 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)

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 96.5 % 61.3-142
 Surrogate: Toluene-d8 102 % 71.3-129
 Surrogate: 4-Bromofluorobenzene 101 % 65.7-141

Chloride, SM4500C1-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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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

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:							
State: NM Zip: 88241		State:							
Fax #: 575-397-0397		Zip:							
Project #: _____		Project Owner: <i>OKY</i>							
Project Name: <i>Lansley #3 Battery</i>		Phone #:							
Project Location: <i>Jal</i>		Fax #:							
Sampler Name: <i>Gary Rty</i>		PRESERV:							
FOR LAB USE ONLY		SAMPLING							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	DATE	TIME	TPH	B-TPX	CL
<i>H40083</i>	<i>1 SP 20 2FT ✓</i>	<input checked="" type="checkbox"/>	<i>2</i>	<input checked="" type="checkbox"/> GROUNDWATER <input checked="" type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input checked="" type="checkbox"/> OIL <input checked="" type="checkbox"/> SLUDGE <input checked="" type="checkbox"/> OTHER:	<i>2-12-14</i>	<i>10:30</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>2 SP 20 2FT ✓</i>	<input checked="" type="checkbox"/>	<i>2</i>	<input checked="" type="checkbox"/>	<i>2-12-14</i>	<i>11:45</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>3 SP 20 2FT ✓</i>	<input checked="" type="checkbox"/>	<i>2</i>	<input checked="" type="checkbox"/>	<i>2-12-14</i>	<i>11:15</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>4 SP 20 2FT ✓</i>	<input checked="" type="checkbox"/>	<i>2</i>	<input checked="" type="checkbox"/>	<i>2-12-14</i>	<i>11:20</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>5 SP 20 2FT ✓</i>	<input checked="" type="checkbox"/>	<i>2</i>	<input checked="" type="checkbox"/>	<i>2-12-14</i>	<i>11:30</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>6 SP 30 2FT ✓</i>	<input checked="" type="checkbox"/>	<i>2</i>	<input checked="" type="checkbox"/>	<i>2-12-14</i>	<i>12:00</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>7 SP 30 2FT ✓</i>	<input checked="" type="checkbox"/>	<i>2</i>	<input checked="" type="checkbox"/>	<i>2-12-14</i>	<i>12:15</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>8 SP 40 2FT ✓</i>	<input checked="" type="checkbox"/>	<i>2</i>	<input checked="" type="checkbox"/>	<i>2-12-14</i>	<i>1:35</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>9 SP 40 2FT ✓</i>	<input checked="" type="checkbox"/>	<i>2</i>	<input checked="" type="checkbox"/>	<i>2-12-14</i>	<i>1:50</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	<i>10 SP 40 2FT ✓</i>	<input checked="" type="checkbox"/>	<i>2</i>	<input checked="" type="checkbox"/>	<i>2-12-14</i>	<i>2:35</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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Relinquished By: *[Signature]* Date: *2/13/14* Time: *5:00pm*

Received By: *[Signature]* Date: *2/13/14* Time: *10:35*

Delivered By: (Circle One) *UPS*

Sampler - UPS - Bus - Other: _____

Sample Condition: Cool/Intact: Yes No

Checked By: *[Signature]*

REMARKS:

Phone Result: Yes No

Fax Result: Yes No

Add'l Phone #: _____

Add'l Fax #: _____

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

#54

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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

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:	
Project Manager: Cliff Brunson		Company:	
Address: P.O. Box 805		Attn:	
City: Hobbs	State: NM	Zip: 88241	
Phone #: 575-397-6388	Fax #: 575-397-0397	Address:	
Project #:	Project Owner: OY	City:	State:
Project Name: Ramsey #3		Phone #:	Zip:
Project Location: TGL		Fax #:	
Sampler Name: Gary Lee			
FOR LAB USE ONLY			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	DATE
H4DD463		# CONTAINERS	TIME
11 SP4C 6FT ✓		GROUNDWATER	2-12-14 3:15
12 SP5C 1FT ✓		WASTEWATER	2-13-14 9:20
13 SP5C 3FT ✓		SOIL	3-13-14 10:00
14 SP5C 4FT ✓		OIL	3-13-14 11:15
15 SP6C 1FT ✓		SLUDGE	3-13-14 11:00
16 SP6C 3FT ✓		OTHER:	2-13-14 11:35
17 SP6C 5FT ✓		ACID/BASE:	2-13-14 18:00
18 SP7C 1FT ✓		ICE/COOL	2-13-14 17:30
19 SP7C 2FT ✓		OTHER:	2-13-14 17:45
20 SP7C 7FT ✓			2-13-14 17:10
<p>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 unless set out or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.</p>			
Relinquished By:	Date: 2/13/14	Received By:	Date: 2/13/14
Time: 5:00 PM		Time: 3:35	
Delivered By: (Circle One)	UPS	Bus	Other
Sample Condition	Cool	Intact	Checked
<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes	<input checked="" type="checkbox"/> Yes
<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No	<input type="checkbox"/> No
REMARKS:	TPH B-TEX CL		

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

#54

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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)
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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.

Signature:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Chancey Summers	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: <u>Chancey.Summers@oxy.com</u>	Conditions of Approval:		Attached <input type="checkbox"/>
Date: <u>2-6-14</u>	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary