

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

HOBBS OCD

JUN 12 2014

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

Form C-141
Revised August 8, 2011

RECEIVED

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 was completed in accordance with the remediation plan approved by Geoffrey Leking of NMOCD via email on 04/07/2014.

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 contami or the environment. In addition, NMOCD acceptance of a C-141 report does not re federal, state, or local laws and/or regulations.

Signature: 

Printed Name: Chancey Summers

Title: HES Specialist

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

Date: 6-5-14 Phone: (575) 397-8216

APPROVED

Approved

Approval Date: 2/3/14 Expiration Date:

Conditions of Approval: Attached

* Attach Additional Sheets If Necessary

112R 4136

Closure Report

HOBBS OCD
JUN 12 2014

RECEIVED

Site Description

Site Name:	WA Ramsey NCT C #3 Battery
Company:	Oxy Permian Ltd.
Legal Description:	U/L L, Section 36, T24S, R37E
County:	Lea County, NM
GPS Coordinates:	N 32.17347° W 103.12348°

Release Data

Date of Release:	02/04/2014
Type of Release:	Oil and produced water
Source of Release:	Bottom of separator ruptured caused the vessel to fall over
Volume of Release:	25 bbls oil and 35 bbls produced water
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Excavate to a depth of 1.5 feet in the leak areas around SP1-SP5 and SP7. In the area around SP6, excavate the area to a depth of 3 feet. Then back fill the site with clean soil.
Remediation Activities:	05/10/2014 to 05/23/2014

Plan Sent to OCD:	04/05/2014	Email from Cliff Brunson to Geoffrey Leking
OCD Approval of Plan:	04/07/2014	Email from Geoffrey Leking to Cliff Brunson
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

Supporting Documentation

Initial C-141	Signed 02/06/2014
Final C-141	Signed 06/05/2014
Site Diagram	February 2014
Groundwater Plot	75'
TOPO Maps	February 2014
Lab Summary	02/12/2014-02/13/2014
Lab Analysis	02/12/2014-02/13/2014
Correspondence	Request and approval of remediation plan via email

Request for Closure

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

06/10/2014

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1220 South St. Francis Dr.
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Release Notification and Corrective Action

OPERATOR Initial Report Final Report

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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

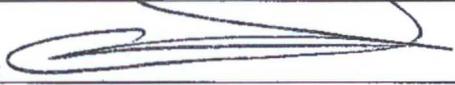
Type of Release	Oil and produced water	Volume of Release	25 bbls oil, 35 bbls produced water	Volume Recovered	0 bbls
Source of Release	The bottom of the separator ruptured causing the vessel to fall over	Date and Hour of Occurrence	02/04/2014	Date and Hour of Discovery	
Was Immediate Notice Given?	<input 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.

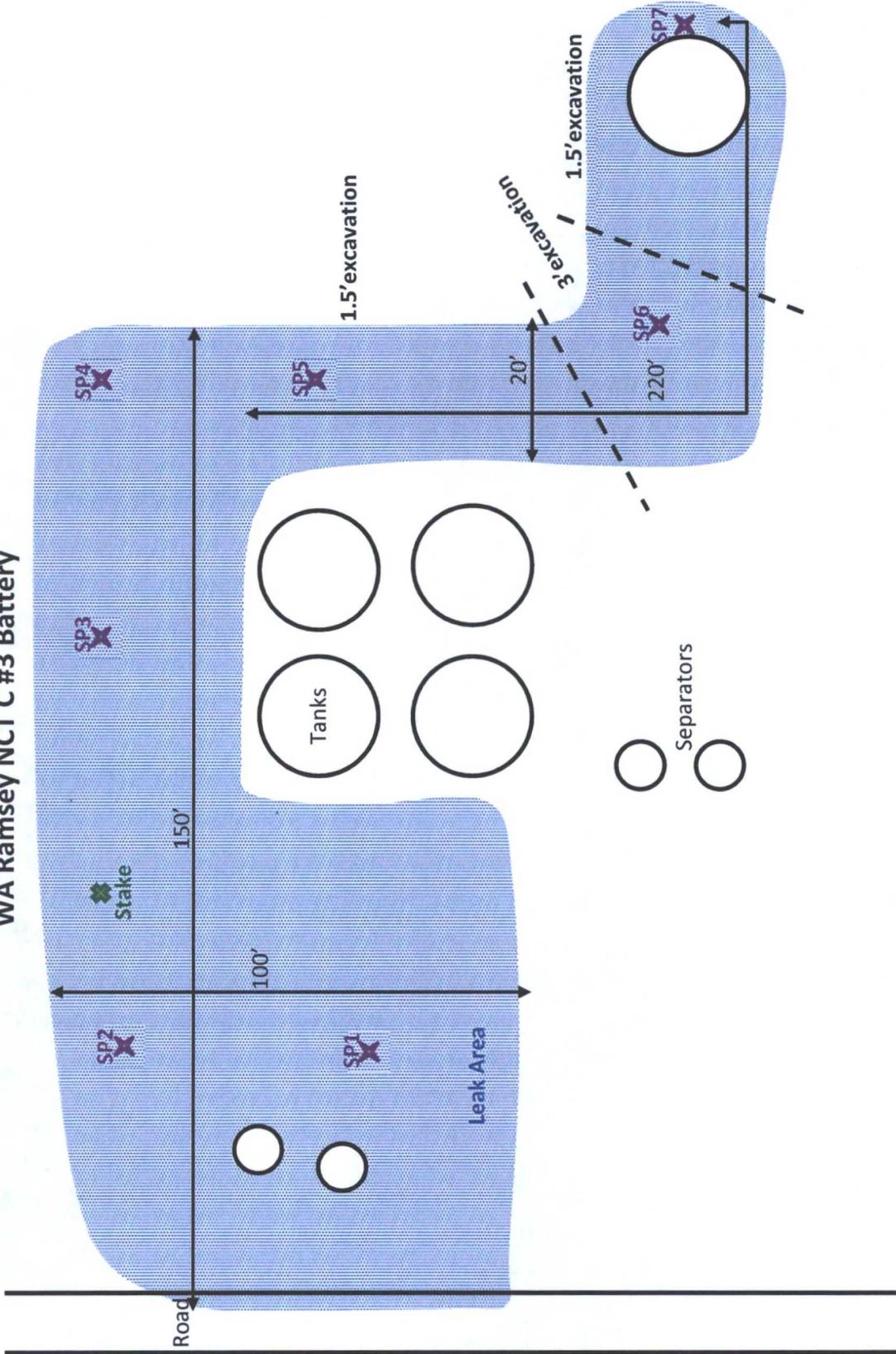
Signature: 	OIL CONSERVATION DIVISION		
Printed Name: Chancey Summers	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 2-6-14	Phone: (575) 397-8216		

* Attach Additional Sheets If Necessary



Oxy

WA Ramsey NCT C #3 Battery



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

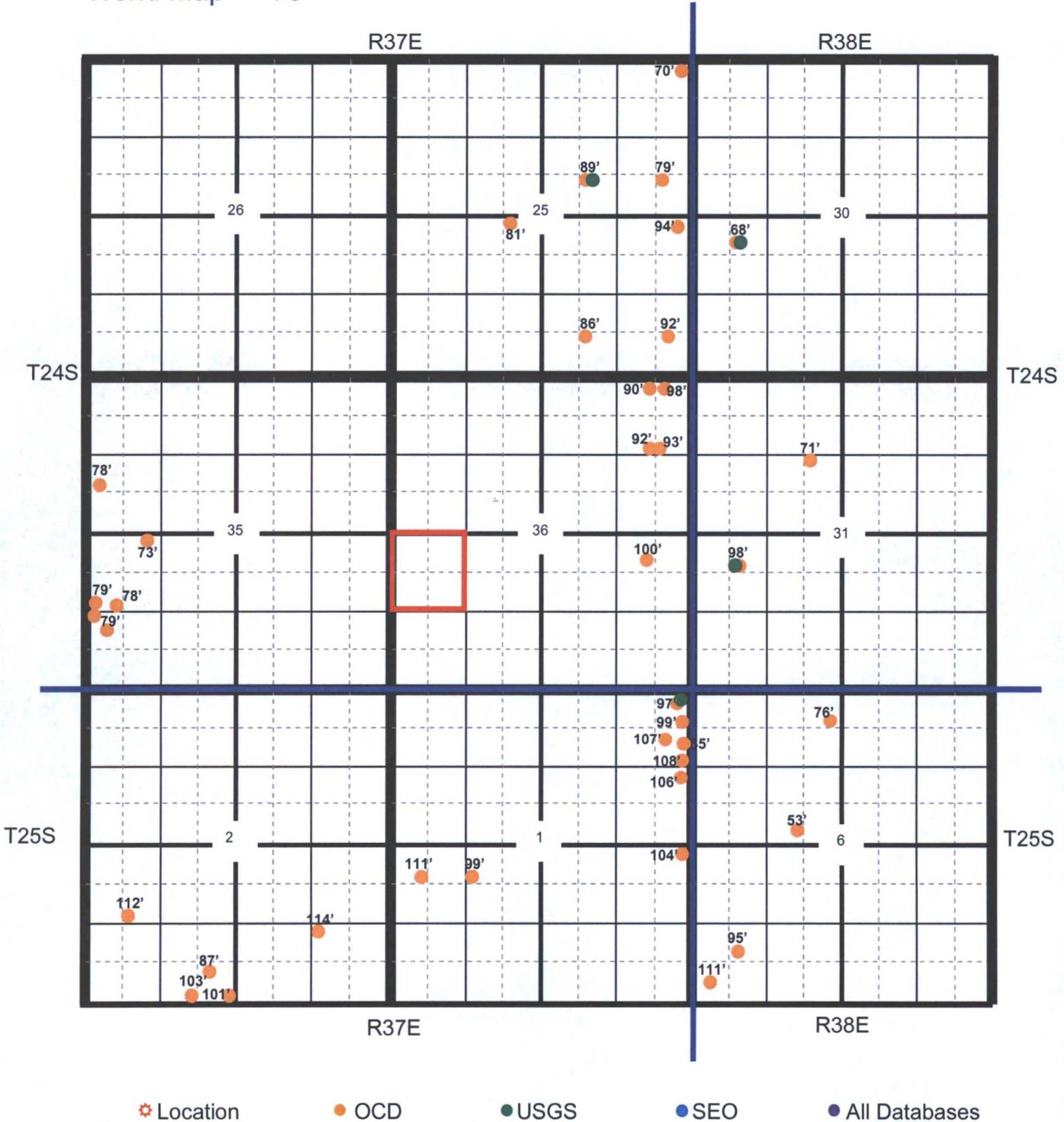
NOT TO SCALE File: Oxy 2014

Groundwater Plot

Oxy WA Ramsey NCT C #3 Battery

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

Trend Map 75'



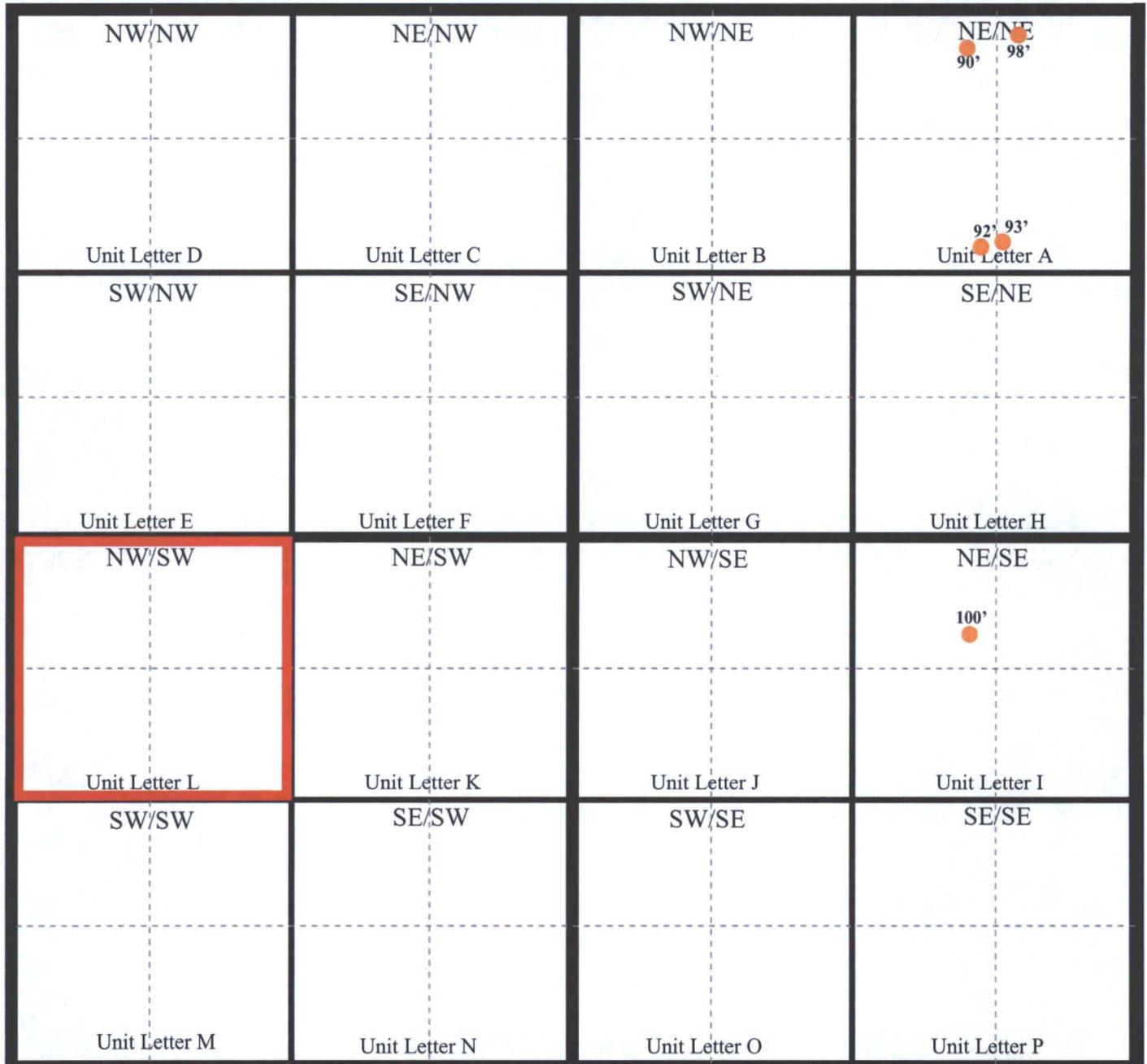
Oxy WA Ramsey NCT C #3 Battery

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

Trend Map 75'

1

2



3

4

Laboratory Analytical Results Summary
WA Ramesy NCT C #3 Battery

Analyte	Sample		SP1 @ 1'	SP1 @ 2'
	Method	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	SM4500Cl-B		48	48
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	64.3

Analyte	Sample		SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
	Method	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
Toluene	BTEX 8021B		<0.200	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.77	<0.050	<0.050
Total Xylenes	BTEX 8021B		3.26	<0.150	<0.150
Total BTEX	BTEX 8021B		4.03	<0.300	<0.300
Chloride	SM4500Cl-B		304	160	128
GRO	TPH 8015M		226	<10.0	<10.0
DRO	TPH 8015M		2630	<10.0	<10.0

Analyte	Sample		SP3 @ 1'	SP3 @ 2'
	Method	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	SM4500Cl-B		32	64
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		16.9	<10.0

Analyte	Sample		SP4 @ 1'	SP4 @ 2'	SP4 @ 4'	SP4 @ 6'
	Method	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
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	SM4500Cl-B		240	240	400	112
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

Analyte	Sample		SP5 @ 1'	SP5 @ 3'	SP5 @ 4'
	Method	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
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	SM4500Cl-B		768	192	160
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0

Analyte	Sample		SP6 @ 1'	SP6 @ 3'	SP6 @ 5'
	Method	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
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	SM4500Cl-B		1250	656	320
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		22.9	<10.0	<10.0

Analyte	Sample		SP7 @ 1'	SP7 @ 2'	SP7 @ 3'
	Method	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
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	SM4500Cl-B		384	336	80
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<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
 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)

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

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 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)

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

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 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, SM4500CI-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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 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, SM4500CI-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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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, SM4500CI-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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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, SM4500CI-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
 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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 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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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, SM4500CI-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)

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, SM4500CI-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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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, SM4500CI-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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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, SM4500CI-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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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, SM4500CI-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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Analytical Results For:

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 Cliff Brunson
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 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, SM4500CI-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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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:	02/13/2014
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, SM4500CI-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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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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Caley D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: _____ Project Owner: *OH*
 Project Name: *Ranley #3*
 Project Location: *TCL*
 Sampler Name: *Carly Ray*
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH	B-TPH	CL	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:						
<i>H440443</i>																
11	SP4C 6FT ✓	X	2	X	X	X	X	X	X	X	2-20-14	3:15	X	X	X	
12	SP5C 2FT ✓	X	2	X	X	X	X	X	X	X	2-13-14	9:20	X	X	X	
13	SP5C 3FT ✓	X	2	X	X	X	X	X	X	X	2-13-14	11:00	X	X	X	
14	SP5C 4FT ✓	X	2	X	X	X	X	X	X	X	2-13-14	11:15	X	X	X	
15	SP6C 2FT ✓	X	2	X	X	X	X	X	X	X	2-13-14	11:00	X	X	X	
16	SP6C 3FT ✓	X	2	X	X	X	X	X	X	X	2-13-14	11:35	X	X	X	
17	SP6C 5FT ✓	X	2	X	X	X	X	X	X	X	2-13-14	12:00	X	X	X	
18	SP7C 1FT ✓	X	2	X	X	X	X	X	X	X	2-13-14	12:30	X	X	X	
19	SP7C 2FT ✓	X	2	X	X	X	X	X	X	X	2-13-14	12:45	X	X	X	
20	SP7C 3FT ✓	X	2	X	X	X	X	X	X	X	2-13-14	1:10	X	X	X	

Relinquished By: *[Signature]* Date: *2/13/14* Type: *SP*
 Relinquished By: *[Signature]* Date: *2/18/14* Type: *SP*
 Received By: *[Signature]* Date: *2/18/14* Time: *10:35*
 Delivered By: (Circle One) UPS - Bus - Other: *529*
 Sample Condition: Cool Intact
 Checked By: *[Signature]*

REMARKS: *TPH B-TPH CL*

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

#54

Jennifer Gilkey

From: Leking, Geoffrey R, EMNRD <GeoffreyR.Leking@state.nm.us>
Sent: Monday, April 07, 2014 12:00 PM
To: Cliff P. Brunson
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY-WA Ramsey NCT C #3 Battery-Remediation Plan

Cliff

Per our conversation of April 2, 2014 and review of the below email and attachment, the remediation plan is approved for the OXY WA Ramsey NCT C #3 Battery. Thank you.

Geoffrey Leking
Environmental Specialist
NMOCD-Hobbs
1625 N. French Drive
Hobbs, NM 88240
Office: (575) 393-6161 Ext. 113
Cell: (575) 399-2990
email: geoffreyr.leting@state.nm.us

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Saturday, April 05, 2014 7:45 PM
To: Leking, Geoffrey R, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-WA Ramsey NCT C #3 Battery-Remediation Plan

Geoff,

This e-mail is to confirm our conversation on April 2, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will excavate to a depth of 1.5 feet in the leak area represented by sample points SP1-SP5 and SP7 that is depicted on the attached site diagram. In the area around SP6, the area will be excavated to a depth of 3 feet as depicted on the attached site diagram. The site will then be backfilled with clean soil.

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

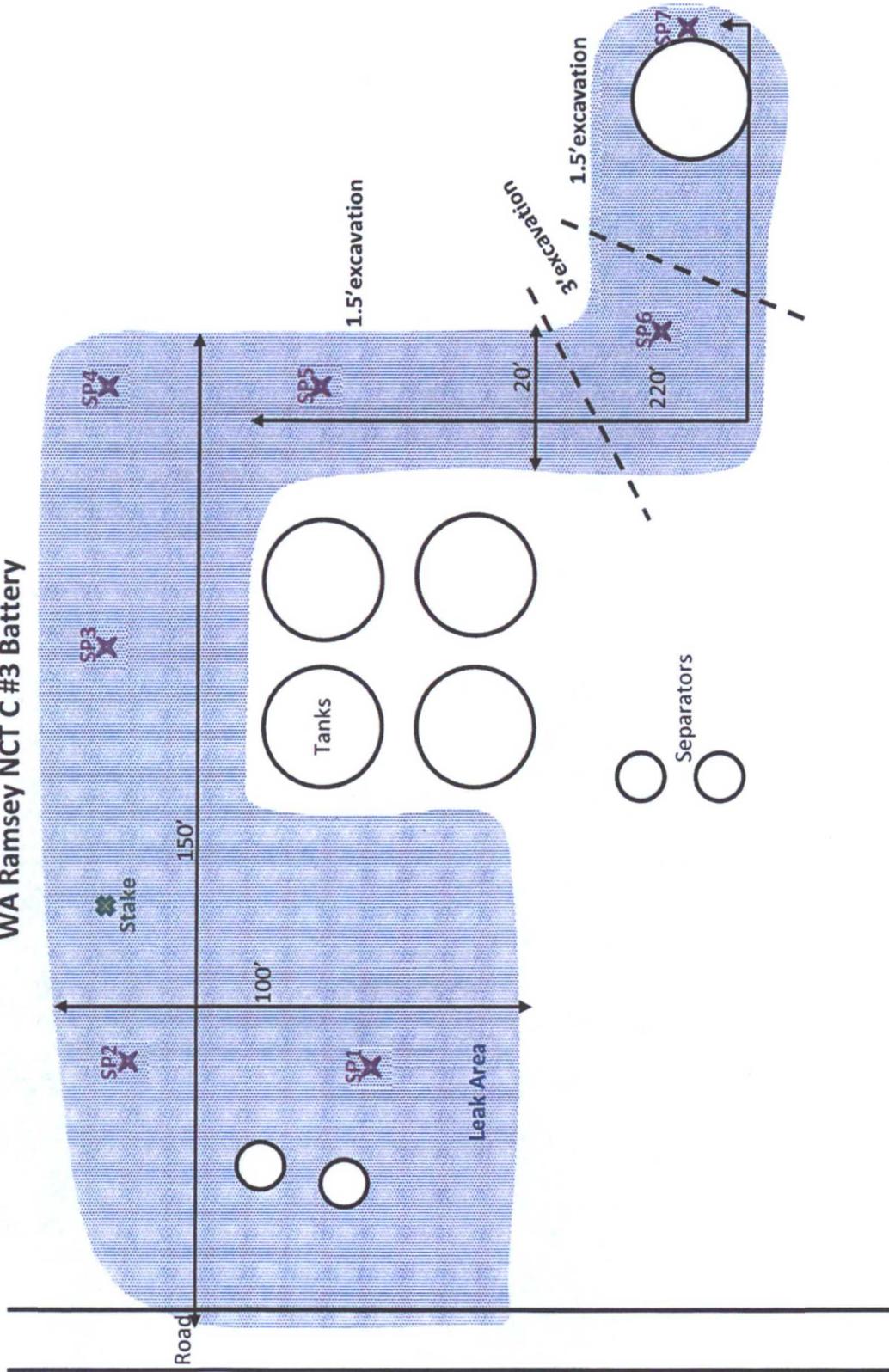
Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com



WA Ramsey NCT C #3 Battery

Oxy



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

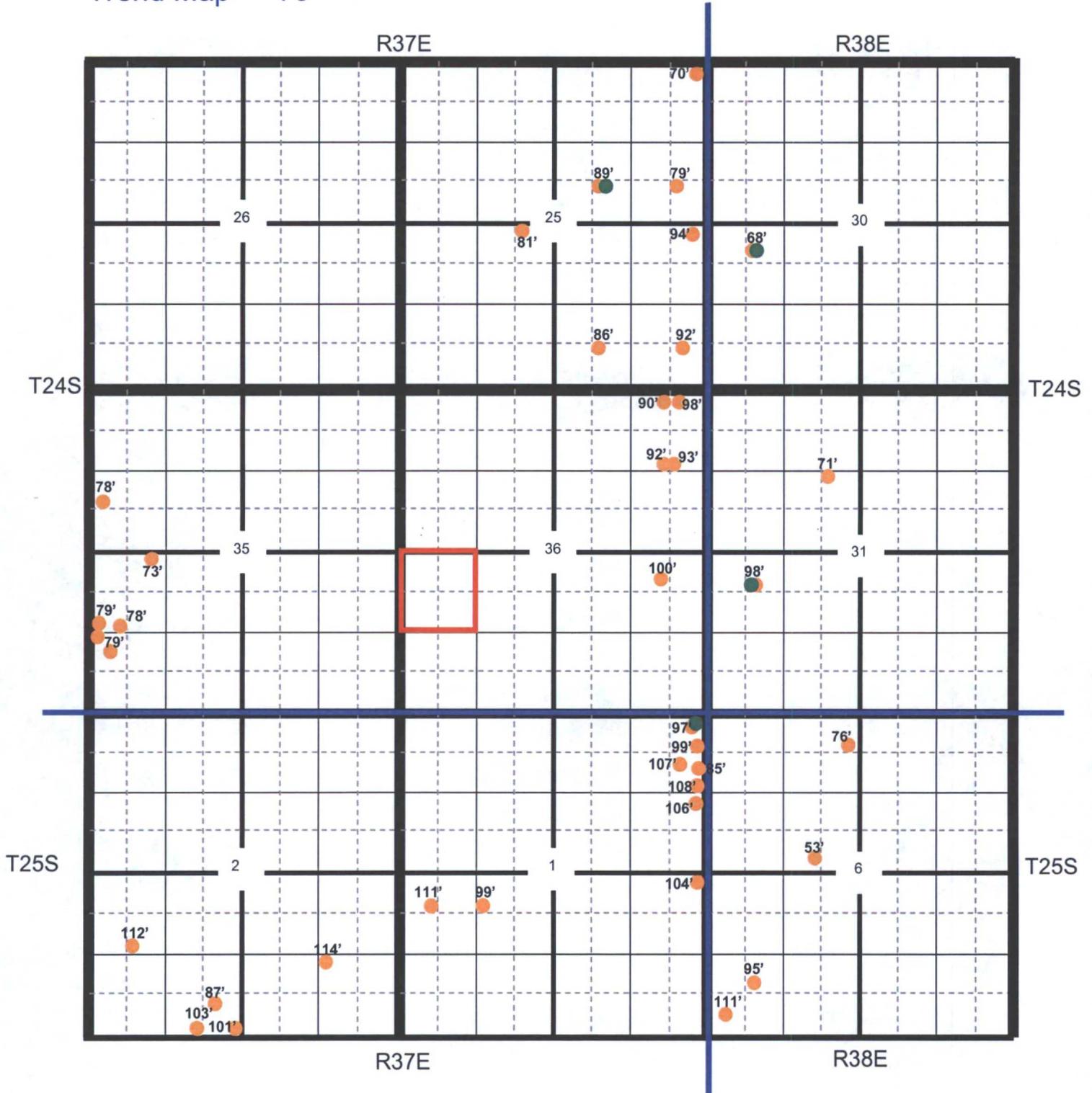
Unit Letter
L

Section
36

Township
24S

Range
37E

Trend Map 75'



- 🌟 Location
- OCD
- USGS
- SEO
- All Databases



Section Quarters

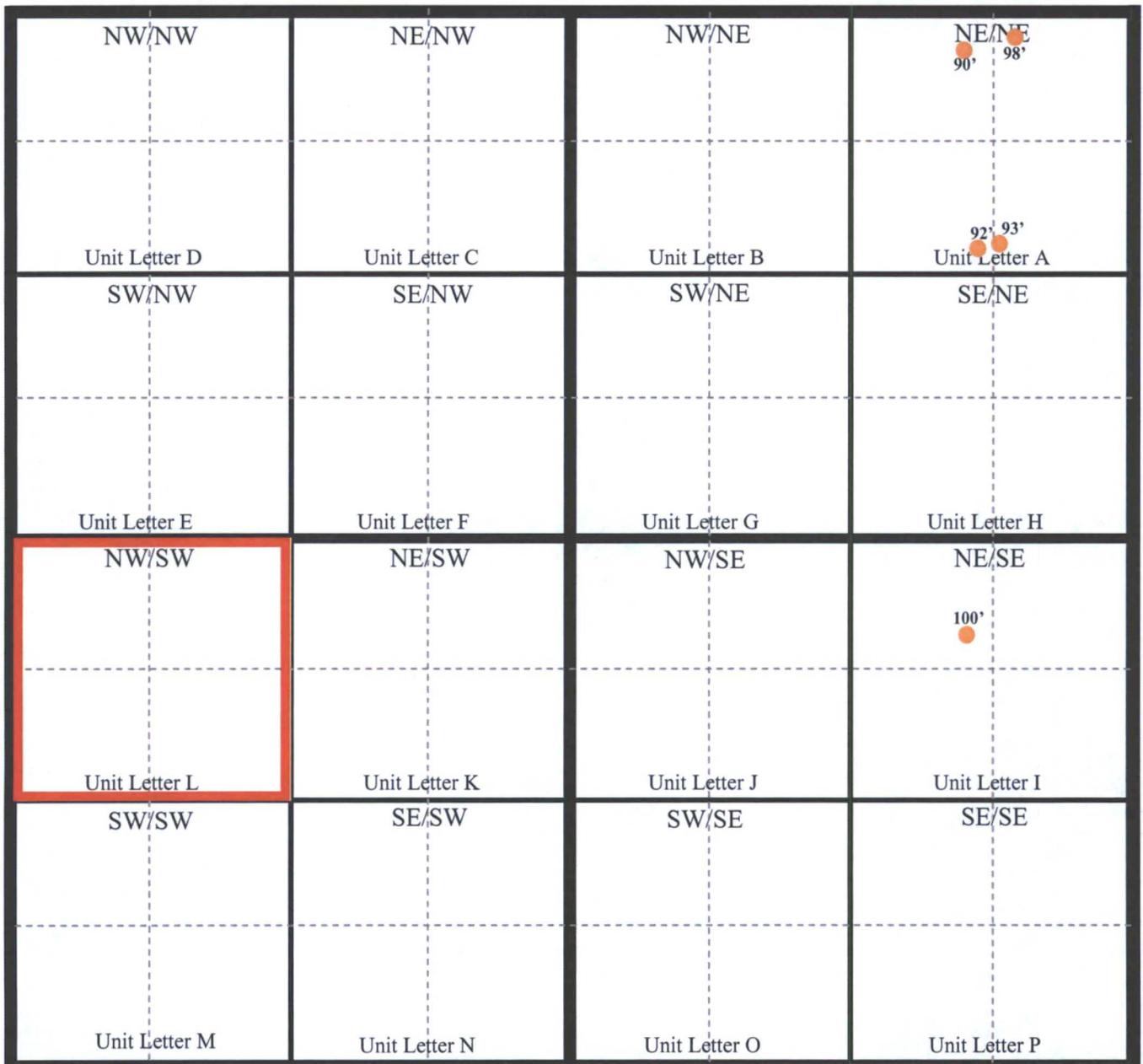
Oxy WA Ramsey NCT C #3 Battery

County Unit Letter Section Township Range
Lea L 36 24S 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	
		Date	mg/Kg
Benzene	BTEX 8021B	2/12/14	SP1 @ 1' <0.050
Toluene	BTEX 8021B	2/12/14	SP1 @ 2' <0.050
Ethylbenzene	BTEX 8021B	2/12/14	SP1 @ 1' <0.050
Total Xylenes	BTEX 8021B	2/12/14	SP1 @ 1' <0.150
Total BTEX	BTEX 8021B	2/12/14	SP1 @ 2' <0.300
Chloride	SM4500C1-B	2/12/14	SP1 @ 1' 48
GRO	TPH 8015M	2/12/14	SP1 @ 1' <10.0
DRO	TPH 8015M	2/12/14	SP1 @ 2' 64.3

Analyte	Method	Sample	
		Date	mg/Kg
Benzene	BTEX 8021B	2/12/14	SP2 @ 1' <0.200
Toluene	BTEX 8021B	2/12/14	SP2 @ 2' <0.050
Ethylbenzene	BTEX 8021B	2/12/14	SP2 @ 3' 0.77
Total Xylenes	BTEX 8021B	2/12/14	SP2 @ 1' 3.26
Total BTEX	BTEX 8021B	2/12/14	SP2 @ 2' 4.03
Chloride	SM4500C1-B	2/12/14	SP2 @ 3' 304
GRO	TPH 8015M	2/12/14	SP2 @ 1' 226
DRO	TPH 8015M	2/12/14	SP2 @ 2' 2630

Analyte	Method	Sample	
		Date	mg/Kg
Benzene	BTEX 8021B	2/12/14	SP3 @ 1' <0.050
Toluene	BTEX 8021B	2/12/14	SP3 @ 2' <0.050
Ethylbenzene	BTEX 8021B	2/12/14	SP3 @ 1' <0.050
Total Xylenes	BTEX 8021B	2/12/14	SP3 @ 1' <0.150
Total BTEX	BTEX 8021B	2/12/14	SP3 @ 2' <0.300
Chloride	SM4500C1-B	2/12/14	SP3 @ 1' 32
GRO	TPH 8015M	2/12/14	SP3 @ 1' <10.0
DRO	TPH 8015M	2/12/14	SP3 @ 2' 16.9

Analyte	Method	Sample	
		Date	mg/Kg
Benzene	BTEX 8021B	2/12/14	SP4 @ 1' <0.050
Toluene	BTEX 8021B	2/12/14	SP4 @ 2' <0.050
Ethylbenzene	BTEX 8021B	2/12/14	SP4 @ 1' <0.050
Total Xylenes	BTEX 8021B	2/12/14	SP4 @ 1' <0.150
Total BTEX	BTEX 8021B	2/12/14	SP4 @ 2' <0.300
Chloride	SM4500C1-B	2/12/14	SP4 @ 1' 240
GRO	TPH 8015M	2/12/14	SP4 @ 1' <10.0
DRO	TPH 8015M	2/12/14	SP4 @ 2' <10.0

Analyte	Method	Sample	
		Date	mg/Kg
Benzene	BTEX 8021B	2/13/14	SP5 @ 1' <0.050
Toluene	BTEX 8021B	2/13/14	SP5 @ 3' <0.050
Ethylbenzene	BTEX 8021B	2/13/14	SP5 @ 1' <0.050
Total Xylenes	BTEX 8021B	2/13/14	SP5 @ 1' <0.150
Total BTEX	BTEX 8021B	2/13/14	SP5 @ 3' <0.300
Chloride	SM4500C1-B	2/13/14	SP5 @ 1' 768
GRO	TPH 8015M	2/13/14	SP5 @ 1' <10.0
DRO	TPH 8015M	2/13/14	SP5 @ 3' <10.0

Analyte	Method	Sample	
		Date	mg/Kg
Benzene	BTEX 8021B	2/13/14	SP6 @ 1' <0.050
Toluene	BTEX 8021B	2/13/14	SP6 @ 3' <0.050
Ethylbenzene	BTEX 8021B	2/13/14	SP6 @ 1' <0.050
Total Xylenes	BTEX 8021B	2/13/14	SP6 @ 1' <0.150
Total BTEX	BTEX 8021B	2/13/14	SP6 @ 3' <0.300
Chloride	SM4500C1-B	2/13/14	SP6 @ 1' 1250
GRO	TPH 8015M	2/13/14	SP6 @ 1' <10.0
DRO	TPH 8015M	2/13/14	SP6 @ 3' 22.9

Analyte	Method	Sample	
		Date	mg/Kg
Benzene	BTEX 8021B	2/13/14	SP7 @ 1' <0.050
Toluene	BTEX 8021B	2/13/14	SP7 @ 2' <0.050
Ethylbenzene	BTEX 8021B	2/13/14	SP7 @ 1' <0.050
Total Xylenes	BTEX 8021B	2/13/14	SP7 @ 1' <0.150
Total BTEX	BTEX 8021B	2/13/14	SP7 @ 2' <0.300
Chloride	SM4500C1-B	2/13/14	SP7 @ 1' 384
GRO	TPH 8015M	2/13/14	SP7 @ 1' <10.0
DRO	TPH 8015M	2/13/14	SP7 @ 2' <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
 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 @ 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
 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)

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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*=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 @ 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, SM4500CI-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	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, SM4500CI-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

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 @ 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, SM4500CI-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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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, SM4500CI-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, SM4500CI-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, 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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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, SM4500CI-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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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 @ 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, SM4500CI-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	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, SM4500CI-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



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		BILL TO	
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: Val		Fax #:			
Sampler Name: Gary Ray		PRESERV:		SAMPLING	
FOR LAB USE ONLY		MATRIX			
Lab I.D.		GROUNDWATER			
Sample I.D.		WASTEWATER			
		SOIL			
		OIL			
		SLUDGE			
		OTHER:			
		ACID/BASE:			
		ICE / COOL			
		OTHER:			
H40083		(G)RAB OR (C)OMP.		DATE	
1 SP 20 JFT ✓		# CONTAINERS		TIME	
2 SP 20 JFT ✓		X		2-2-14 10:30	
3 SP 20 JFT ✓		X		2-2-14 10:45	
4 SP 20 JFT ✓		X		2-2-14 11:15	
5 SP 20 JFT ✓		X		2-2-14 11:20	
6 SP 30 JFT ✓		X		2-2-14 11:30	
7 SP 30 JFT ✓		X		2-2-14 12:00	
8 SP 40 JFT ✓		X		2-2-14 12:15	
9 SP 40 JFT ✓		X		2-2-14 12:35	
10 SP 40 JFT ✓		X		2-11-14 12:35	
		X		TPH	
		X		B-TPX	
		X		CL	

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: _____ Project Owner: OY
 Project Name: Ramsey #3
 Project Location: TEL
 Sampler Name: Cary Ray
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	TPH	B-TX	CL
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
HHDDK43														
11	SP4C 6FT ✓	X	2	X	X	X	X	X	2-20-14	3:15	X	X	X	
12	SP5C 2FT ✓	X	2	X	X	X	X	X	2-13-14	9:20	X	X	X	
13	SP5C 3FT ✓	X	2	X	X	X	X	X	2-13-14	10:00	X	X	X	
14	SP5C 4FT ✓	X	2	X	X	X	X	X	2-13-14	11:15	X	X	X	
15	SP6C 2FT ✓	X	2	X	X	X	X	X	2-13-14	11:00	X	X	X	
16	SP6C 3FT ✓	X	2	X	X	X	X	X	2-13-14	11:35	X	X	X	
17	SP6C 5FT ✓	X	2	X	X	X	X	X	2-13-14	12:00	X	X	X	
18	SP7C 1FT ✓	X	2	X	X	X	X	X	2-13-14	12:30	X	X	X	
19	SP7C 2FT ✓	X	2	X	X	X	X	X	2-13-14	12:45	X	X	X	
20	SP7C 3FT ✓	X	2	X	X	X	X	X	2-13-14	1:10	X	X	X	

Relinquished By: [Signature] Date: 2/13/14 Time: 5:00 PM
 Received By: [Signature] Date: 2/18/14 Time: 10:35 AM
 Delivered By: (Circle One) UPS - Bus - Other: [Signature] Sample Condition: Cool Intact Yes No
 Checked By: [Signature] Yes No

REMARKS:

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

#54

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

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR Initial Report Final Report

Name of Company	Oxy Permian Ltd.	Contact	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.*

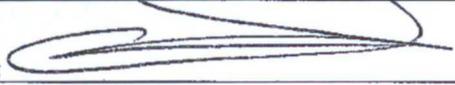
Describe Cause of Problem and Remedial Action Taken.*

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.

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

* Attach Additional Sheets If Necessary