

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, 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 October 10, 2003
Submit 2 Copies to appropriate
District Office in accordance
with Rule 116 on back
side of form

Release Notification and Corrective Action

OPERATOR

Initial Report Final Report

Name of Company	Oxy USA Inc.	Contact	Chancey Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Red Tank 34 Federal #2 CTB	Facility Type	Battery

Surface Owner	BLM	Mineral Owner		API No.	
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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
	34	22S	32E					Lea County, NM

Latitude N 32.34976° Longitude W 103.65597°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	0.5 bbl of oil and 20.5 bbls of produce water	Volume Recovered	0 bbls
Source of Release	2" steel line production line	Date and Hour of Occurrence	2/25/2014	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?	Goeffrey Leking- NMOCD, Jennifer Van Curen- BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	02/26/2014 @ 3:44 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.*

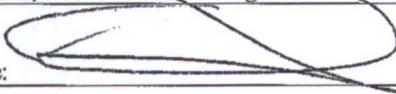
A leak in the 2 inch steel line from the production separator to the tanks spilled 0.5 bbl of oil and 20.5 bbls of produced water onto the ground. No fluids were recovered and the line was repaired.

Describe Area Affected and Cleanup Action Taken.*

The affected area was approximately 14' x 22' inside the berm. Remediation will be completed in accordance with a plan approved by both the NMOCD and the BLM.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination of surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not federal, state, or local laws and/or regulations.

APPROVED

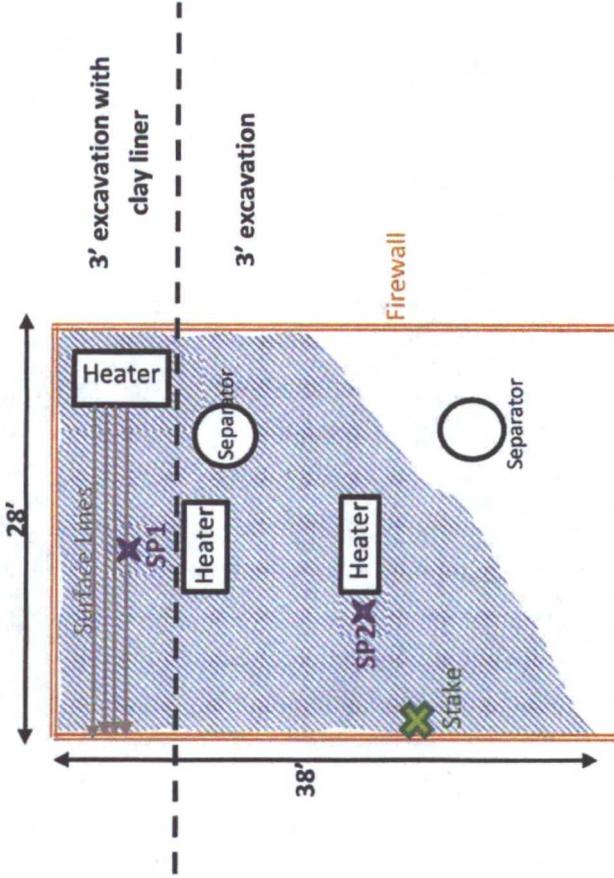
Signature:		Approval Date:	2/3/16	Expiration Date:	
Printed Name:	Chancey Summers	Conditions of Approval:			
Title:	HES Coordinator	Attached	<input type="checkbox"/>		
E-mail Address:	Chancey_Summers@oxy.com	IRP-4132			
Date:	3-3-14	Phone:	(575) 397-8216		

* Attach Additional Sheets If Necessary



Red Tank 34 Federal #2 CTB

Oxy



HOBBS OCD
APR 05 2014
RECEIVED

BBC International, Inc.	
Oxy	
Red Tank 34 Federal #2 CTB	
Date: 03/03/2014	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2014

approved
Steffen Sebring
 Environmental Specialist
 NMOCB - DIST 1
 4/7/14

U/L H, Section 34, T22S, R32E
 Lea County, NM
 GPS: N 32.35006° W 103.65582°

4/5



Groundwater Plot

Oxy Red Tank 34 Federal #2 CTB

County
Lea

Unit Letter
H

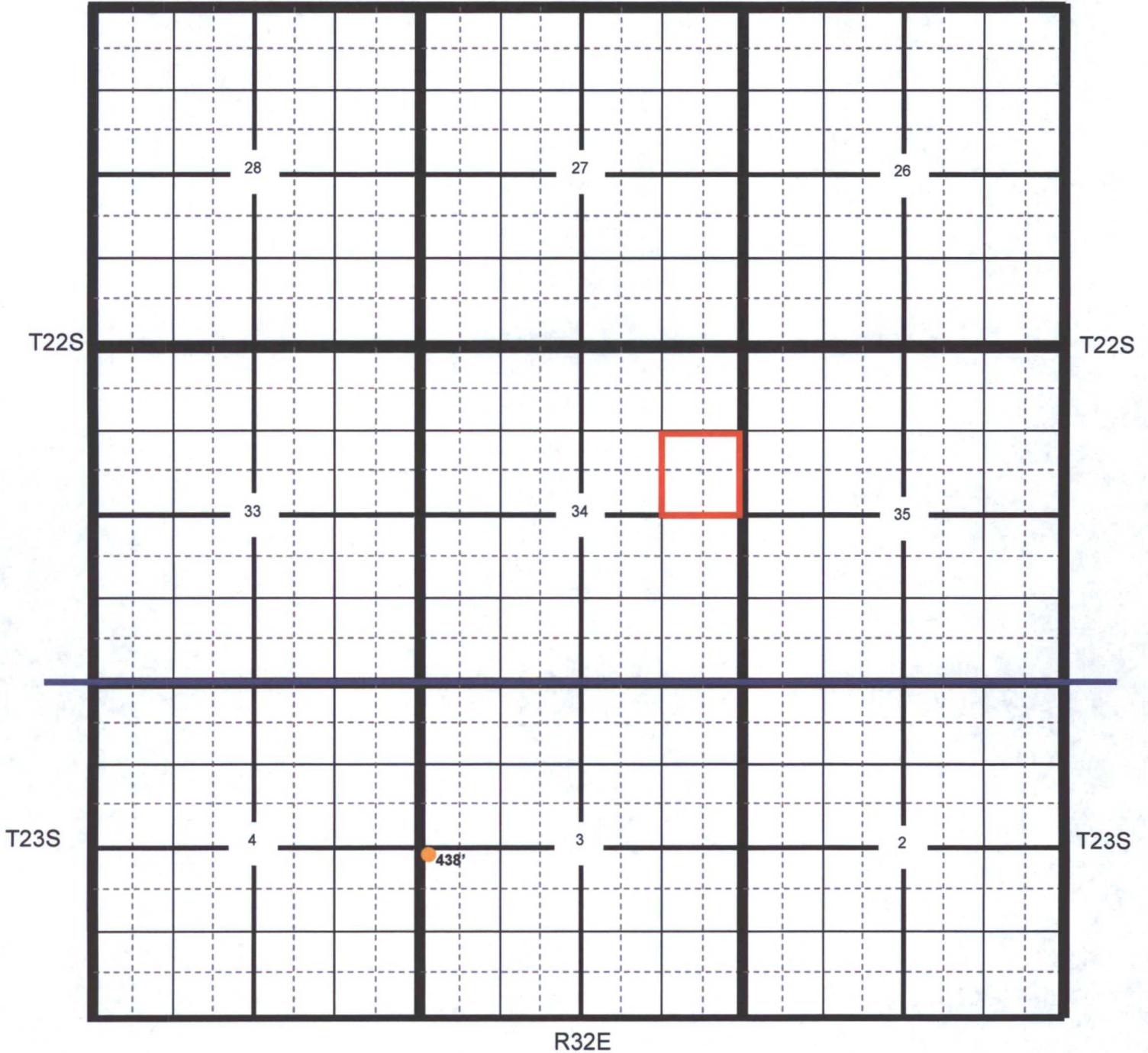
Section
34

Township
22S

Range
32E

Trend Map 450'

R32E



📍 Location

● OCD

● USGS

● SEO

● All Databases



Section Quarters

Oxy Red Tank 34 Federal #2 CTB

County Unit Letter Section Township Range
Lea H 34 22S 32E

Trend Map 450'

1

2

NW/NW NONE	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

- 📍 Location
- OCD
- USGS
- SEO
- All Databases

Laboratory Analytical Results Summary
 Red Tank 34 Federal #2 CTB

Analyte	Method	Sample Date	SP1 @ 1'	SP1 @ 2'	SP1 @ 4'	SP1 @ 6'	SP1 @ 8'	SP1 @ 9'	SP1 @ 12'
			mg/kg						
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		0.07	<0.050	n/a	n/a	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a	n/a	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a	n/a	n/a	n/a
Chloride	SM4500Cl-B		6080	1680	2600	2440	3360	3480	96
GRO	TPH 8015M		<50.0	<10.0	n/a	n/a	n/a	n/a	n/a
DRO	TPH 8015M		949	139	n/a	n/a	n/a	n/a	n/a

Analyte	Method	Sample Date	SP2 @ 1'	SP2 @ 2'	SP2 @ 4'	SP2 @ 6'
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Toluene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		<0.300	<0.300	n/a	n/a
Chloride	SM4500Cl-B		1380	3000	288	112
GRO	TPH 8015M		<10.0	<10.0	n/a	n/a
DRO	TPH 8015M		<10.0	<10.0	n/a	n/a

March 25, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 34 #2

Enclosed are the results of analyses for samples received by the laboratory on 03/18/14 9:42.

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:	03/18/2014	Sampling Date:	03/06/2014
Reported:	03/25/2014	Sampling Type:	Soil
Project Name:	RED TANK 34 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	C-29		

Sample ID: SP 1 @ 1 FT (H400808-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/20/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/20/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	0.070	0.050	03/20/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/20/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/20/2014	ND					

Surrogate: 4-Bromofluorobenzene (PII) 143 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6080	16.0	03/20/2014	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	03/20/2014	ND	225	112	200	5.05	
DRO >C10-C28	949	50.0	03/20/2014	ND	213	106	200	2.35	

Surrogate: 1-Chlorooctane 71.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 133 % 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:	03/18/2014	Sampling Date:	03/06/2014
Reported:	03/25/2014	Sampling Type:	Soil
Project Name:	RED TANK 34 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	C-29		

Sample ID: SP 1 @ 2 FT (H400808-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/19/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 104 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1680	16.0	03/20/2014	ND	400	100	400	3.92	

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	03/20/2014	ND	225	112	200	5.05	
DRO >C10-C28	139	10.0	03/20/2014	ND	213	106	200	2.35	

Surrogate: 1-Chlorooctane 84.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 96.2 % 63.6-154

Sample ID: SP 1 @ 4 FT (H400808-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	03/20/2014	ND	400	100	400	3.92	

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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:	03/18/2014	Sampling Date:	03/06/2014
Reported:	03/25/2014	Sampling Type:	Soil
Project Name:	RED TANK 34 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	C-29		

Sample ID: SP 1 @ 6 FT (H400808-04)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2440	16.0	03/20/2014	ND	400	100	400	3.92		

Sample ID: SP 1 @ 8 FT (H400808-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3360	16.0	03/20/2014	ND	400	100	400	3.92		

Sample ID: SP 1 @ 9 FT (H400808-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3480	16.0	03/20/2014	ND	400	100	400	3.92		

Sample ID: SP 1 @ 12 FT (H400808-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/20/2014	ND	400	100	400	3.92		

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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:	03/18/2014	Sampling Date:	03/06/2014
Reported:	03/25/2014	Sampling Type:	Soil
Project Name:	RED TANK 34 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	C-29		

Sample ID: SP 2 @ 1 FT (H400808-08)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/19/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 102 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1380	16.0	03/20/2014	ND	400	100	400	3.92	

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	03/20/2014	ND	197	98.7	200	0.404	
DRO >C10-C28	<10.0	10.0	03/20/2014	ND	192	95.9	200	0.866	

Surrogate: 1-Chlorooctane 82.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 83.1 % 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:	03/18/2014	Sampling Date:	03/06/2014
Reported:	03/25/2014	Sampling Type:	Soil
Project Name:	RED TANK 34 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	C-29		

Sample ID: SP 2 @ 2 FT (H400808-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/19/2014	ND	2.01	101	2.00	0.775	
Toluene*	<0.050	0.050	03/19/2014	ND	1.92	96.0	2.00	0.201	
Ethylbenzene*	<0.050	0.050	03/19/2014	ND	1.88	94.1	2.00	0.709	
Total Xylenes*	<0.150	0.150	03/19/2014	ND	5.43	90.5	6.00	0.115	
Total BTEX	<0.300	0.300	03/19/2014	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 102 % 89.4-126

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3000	16.0	03/20/2014	ND	400	100	400	3.92	

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	03/20/2014	ND	197	98.7	200	0.404	
DRO >C10-C28	<10.0	10.0	03/20/2014	ND	192	95.9	200	0.866	

Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

Sample ID: SP 2 @ 4 FT (H400808-10)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	03/20/2014	ND	400	100	400	3.92	

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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:	03/18/2014	Sampling Date:	03/06/2014
Reported:	03/25/2014	Sampling Type:	Soil
Project Name:	RED TANK 34 #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Amanda Ponce
Project Location:	C-29		

Sample ID: SP 2 @ 6 FT (H400808-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	112	16.0	03/20/2014	ND	400	100	400	3.92		

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Company Name: BBC International, Inc.		P.O. #:		ANALYSIS REQUEST					
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							
Project #:		Project Owner: SKY							
Project Name: Red Fork 34 #2		City: SKM							
Project Location: C-29		State: NM Zip:							
Sampler Name: Gary Ray		Phone #:							
FOR LAB USE ONLY		Fax #:							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
1	SP202FT	X	5	GROUNDWATER	X	3-6-14	9:05		CL
2	SP202FT	X	5	WASTEWATER	X	3-6-14	6:00		TPH
3	SP202FT	X	5	SOIL	X	3-6-14	10:50		B-TEX
4	SP206FT	X	5	OIL	X	3-6-14	11:00		
5	SP208FT	X	5	SLUDGE	X	3-6-14	11:45		
6	SP209FT	X	5	OTHER:	X	3-6-14	12:15		
7	SP201FT	X	5	ACID/BASE:	X	3-6-14	1:00		
8	SP202FT	X	5	ICE / COOL	X	3-6-14	1:00		
9	SP202FT	X	5	OTHER:	X	3-6-14	1:29		
10	SP204FT	X	5		X	3-6-14	1:59		

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, the subcontractor, affiliates or successors without proof of or related to the performance of services hereunder by Cardinal, acceptance of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: [Signature] Date: 3/18/14 Time: 5:00pm
 Received By: [Signature] Date: 3/18/14 Time: 9:00am

Delivered By: (Circle One) UPS - Bus - Other: -9.0C
 Sample Condition Cool Intact Yes Yes No No
 Checked by: [Signature]

Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____

REMARKS:

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

