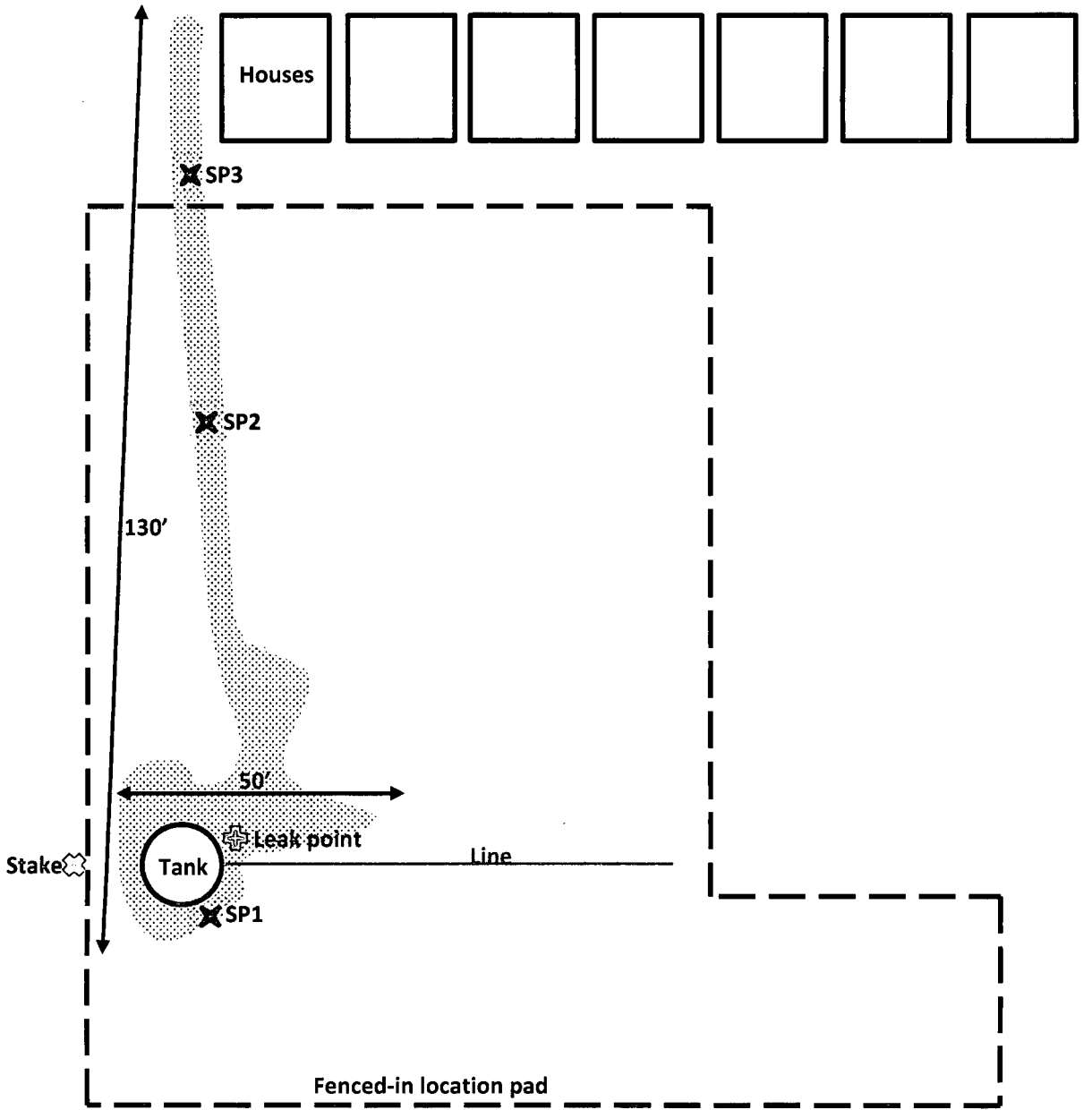
HOBBS OCD

JAN 31 2014

RECEIVED

Oxy

NHU Satellite #27



U/L M, Section 27, T18S, R38E
Lea County, NM
GPS at stake:
N 32.71318° W 103.14344°

approved
Jeffery Lekins
Environmental Specialist
NMOCD-DIST 1
2/03/14

BBC International, Inc.	
Oxy NHU Satellite #27	
Date: 12/10/2013	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013

FEB 06 2014

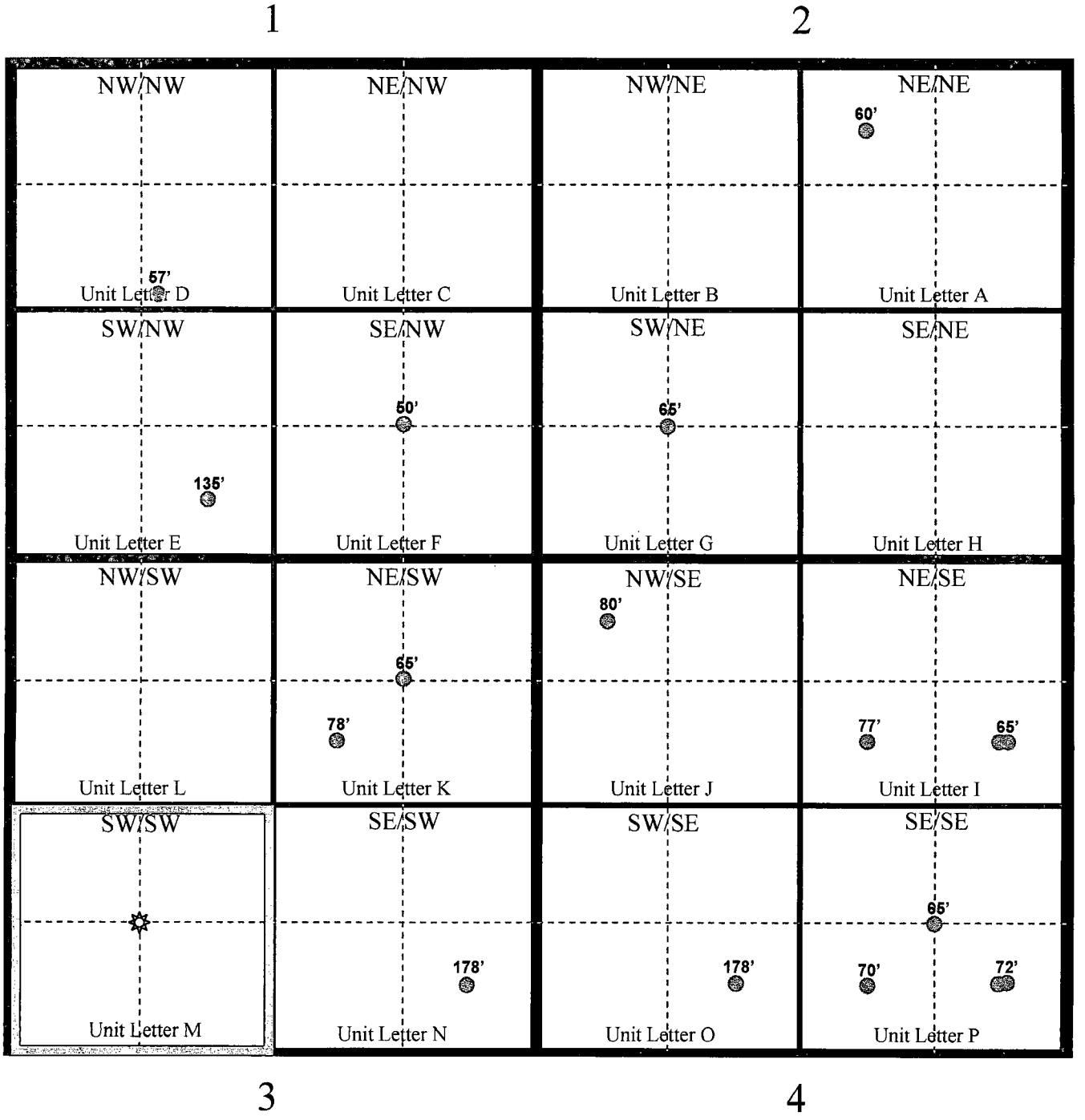
BBC INTERNATIONAL

Section Quarters

Oxy NHU Satellite #27

County	*Unit Letter*	*Section*	*Township*	*Range*
Lea	M	27	18S	38E

Trend Map 50'-100'



Location OCD USGS SEO All Databases

Laboratory Analytical Results Summary
Oxy, NHU Satellite #27

		Sample	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	12/16/13	12/16/13
			mg/Kg	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	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	12/16/13	12/16/13
			mg/Kg	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	32
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

		Sample	SP3 @ 1'	SP3 @ 2'
Analyte	Method	Date	12/16/13	12/16/13
			mg/Kg	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	32
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0

CARDINAL Laboratories

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

December 26, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SATELLITE 27

Enclosed are the results of analyses for samples received by the laboratory on 12/17/13 16:35.

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 accreditated 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

Celey D. Keene

Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2013	Sampling Date:	12/16/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	SATELLITE 27	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Amanda Ponce
Project Location:	HOBBS, NM		

Sample ID: SP1 @ 1FT (H303058-01)

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	12/26/2013	ND	1.70	84.9	2.00	1.99	
Toluene*	<0.050	0.050	12/26/2013	ND	1.69	84.6	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/26/2013	ND	1.67	83.6	2.00	0.763	
Total Xylenes*	<0.150	0.150	12/26/2013	ND	4.87	81.1	6.00	0.841	
Total BTEX	<0.300	0.300	12/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL *103 %* *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	**32.0**	16.0	12/21/2013	ND	400	100	400	7.69	

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	12/22/2013	ND	190	95.2	200	1.98	
DRO >C10-C28	<10.0	10.0	12/22/2013	ND	193	96.6	200	1.57	

Surrogate: 1-Chlorooctane *102 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *102 %* *63.6-154*

Cardinal Laboratories *=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

Analytical Results For:

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

Received:	12/17/2013	Sampling Date:	12/16/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	SATELLITE 27	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Amanda Ponce
Project Location:	HOBBS, NM		

Sample ID: SP1 @ 2FT (H303058-02)

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	12/26/2013	ND	1.70	84.9	2.00	1.99	
Toluene*	<0.050	0.050	12/26/2013	ND	1.69	84.6	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/26/2013	ND	1.67	83.6	2.00	0.763	
Total Xylenes*	<0.150	0.150	12/26/2013	ND	4.87	81.1	6.00	0.841	
Total BTEX	<0.300	0.300	12/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL *101 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	12/23/2013	ND	400	100	400	7.69	

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	12/23/2013	ND	191	95.3	200	5.17	
DRO >C10-C28	<10.0	10.0	12/23/2013	ND	191	95.6	200	8.25	

Surrogate: 1-Chlorooctane *99.2 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *95.6 %* *63.6-154*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	12/17/2013	Sampling Date:	12/16/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	SATELLITE 27	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Amanda Ponce
Project Location:	HOBBS, NM		

Sample ID: SP2 @ 1FT (H303058-03)

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	12/26/2013	ND	1.70	84.9	2.00	1.99	
Toluene*	<0.050	0.050	12/26/2013	ND	1.69	84.6	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/26/2013	ND	1.67	83.6	2.00	0.763	
Total Xylenes*	<0.150	0.150	12/26/2013	ND	4.87	81.1	6.00	0.841	
Total BTEX	<0.300	0.300	12/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID *101 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	12/23/2013	ND	400	100	400	7.69	

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	12/23/2013	ND	191	95.3	200	5.17	
DRO >C10-C28	<10.0	10.0	12/23/2013	ND	191	95.6	200	8.25	

Surrogate: 1-Chlorooctane *100 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *94.8 %* *63.6-154*

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	12/17/2013	Sampling Date:	12/16/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	SATELLITE 27	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Amanda Ponce
Project Location:	HOBBS, NM		

Sample ID: SP2 @ 2FT (H303058-04)

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	12/26/2013	ND	1.70	84.9	2.00	1.99	
Toluene*	<0.050	0.050	12/26/2013	ND	1.69	84.6	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/26/2013	ND	1.67	83.6	2.00	0.763	
Total Xylenes*	<0.150	0.150	12/26/2013	ND	4.87	81.1	6.00	0.841	
Total BTEX	<0.300	0.300	12/26/2013	ND					

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

Chloride, SM4500Cl-B mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	12/23/2013	ND	400	100	400	7.69	

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	12/23/2013	ND	191	95.3	200	5.17	
DRO >C10-C28	<10.0	10.0	12/23/2013	ND	191	95.6	200	8.25	

Surrogate: 1-Chlorooctane *97.8 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *95.7 %* *63.6-154*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	12/17/2013	Sampling Date:	12/16/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	SATELLITE 27	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Amanda Ponce
Project Location:	HOBBS, NM		

Sample ID: SP3 @ 1FT (H303058-05)

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	12/26/2013	ND	1.70	84.9	2.00	1.99	
Toluene*	<0.050	0.050	12/26/2013	ND	1.69	84.6	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/26/2013	ND	1.67	83.6	2.00	0.763	
Total Xylenes*	<0.150	0.150	12/26/2013	ND	4.87	81.1	6.00	0.841	
Total BTEX	<0.300	0.300	12/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL *101 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	12/23/2013	ND	400	100	400	7.69	

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	12/23/2013	ND	191	95.3	200	5.17	
DRO >C10-C28	<10.0	10.0	12/23/2013	ND	191	95.6	200	8.25	

Surrogate: 1-Chlorooctane *95.6 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *93.7 %* *63.6-154*

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Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

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

Received:	12/17/2013	Sampling Date:	12/16/2013
Reported:	12/26/2013	Sampling Type:	Soil
Project Name:	SATELLITE 27	Sampling Condition:	** (See Notes)
Project Number:	NOT GIVEN	Sample Received By:	Amanda Ponce
Project Location:	HOBBS, NM		

Sample ID: SP3 @ 2FT (H303058-06)

BTEX 8021B mg/kg **Analyzed By: MS**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/26/2013	ND	1.70	84.9	2.00	1.99	
Toluene*	<0.050	0.050	12/26/2013	ND	1.69	84.6	2.00	1.61	
Ethylbenzene*	<0.050	0.050	12/26/2013	ND	1.67	83.6	2.00	0.763	
Total Xylenes*	<0.150	0.150	12/26/2013	ND	4.87	81.1	6.00	0.841	
Total BTEX	<0.300	0.300	12/26/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL *100 %* *89.4-126*

Chloride, SM4500Cl-B mg/kg **Analyzed By: CK**

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	**32.0**	16.0	12/23/2013	ND	416	104	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	12/23/2013	ND	191	95.3	200	5.17	
DRO >C10-C28	<10.0	10.0	12/23/2013	ND	191	95.6	200	8.25	

Surrogate: 1-Chlorooctane *99.4 %* *65.2-140*

Surrogate: 1-Chlorooctadecane *95.4 %* *63.6-154*

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Celey D. Keene, Lab Director/Quality Manager

CARDINAL Laboratories

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

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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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

Company Name:	BBC International, Inc.	BILL TO	
Project Manager:	Cliff Brunson	P.O. #:	
Address:	P.O. Box 805	Company:	
City:	Hobbs	State: NM Zip: 88241	Attn:
Phone #:	575-397-6388	Fax #: 575-397-0397	Address: Same
Project #:		Project Owner: OXY	City:
Project Name:	Satellite 27		State: Zip:
Project Location:	Hobbs		Phone #:
Sampler Name:	Gary Ray		Fax #:

FOR LAB USE ONLY				MATRIX						PRESERV.			SAMPLING		ANALYSIS REQUEST		
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	GL	BTEX	TPH
H303058																	
1	SP1@2Ft	G	1			X					X		12-16-13	1:15	X	X	X
2	SP1@2Ft	G	1			X					X		12-16-13	1:35	X	X	X
3	SP2@2Ft	G	1			X					X		12-16-13	1:48	X	X	X
4	SP2@2Ft	G	1			X					X		12-16-13	2:10	X	X	X
5	SP3@2Ft	G	1			X					X		12-16-13	2:30	X	X	X
6	SP3@2Ft	G	1			X					X		12-16-13	2:45	X	X	X

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 analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:	Date: 12-16-13	Received By:	Phone Result: ☐ Yes ☐ No	Add'l Phone #:
	Time: 4:35pm		Fax Result: ☐ Yes ☐ No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			

Delivered By: (Circle One)
Sampler - UPS - Bus - Other: 6.2C #54

Sample Condition: Cool ☐ Yes ☐ No; Intact ☐ Yes ☐ No

CHECKED BY: (Initials)

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

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	Contact Tony Aguilar
Address 1017 W. Stanolind Road	Telephone No. (575) 397-8251
Facility Name North Hobbs Unit Satellite #27	Facility Type Satellite

Surface Owner State	Mineral Owner	API No.

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	27	18S	38E					Lea County, NM

Latitude N 32.713656° **Longitude** W 103.143447°

NATURE OF RELEASE

Type of Release Produced Water	Volume of Release 80 bbls	Volume Recovered 5 bbls
Source of Release Line on separator froze and caused tank overflow	Date and Hour of Occurrence 11/23/2013 @ 8:30 am	Date and Hour of Discovery 11/23/2013 @ 8:45 am
Was Immediate Notice Given? ☒ Yes ☐ No ☐ Not Required	If YES, To Whom? Geoffrey Leking, NMOCD	
By Whom? Tony Aguilar	Date and Hour 01/24/2013 @ 9:10 am	
Was a Watercourse Reached? ☐ Yes ☐ No	If YES, Volume Impacting the Watercourse.	

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

The freezing of a gas line on a separator forced a tank overflow and caused 80 bbls of produced water to leak onto the ground. 5 bbls of fluids were recovered via vacuum truck and the line was repaired or replaced.

Describe Area Affected and Cleanup Action Taken.*

The area affected was approximately 305' x 20' and was contained on the location pad. Remediation will be completed in accordance with a 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: Tony Aguilar

Printed Name: Tony Aguilar

Title: HES Specialist

E-mail Address: Raymon_Aguilar@oxy.com

Date: 12-4-13 Phone: (575) 397-8251

OIL CONSERVATION DIVISION

Approved by Environmental Specialist:

Approval Date: Expiration Date:

Conditions of Approval: Attached ☐

* Attach Additional Sheets If Necessary