

Closure Report

RECEIVED

JAN 23 2014

NMOCD ARTESIA

Site Description

Site Name:	US 13 Federal #2
Company:	Oxy Permian Ltd.
Legal Description:	Section 13, T22S, R24E
County:	Eddy County, NM
GPS Coordinates:	N 32.38966° W 104.44933°

Release Data

Date of Release:	08/19/2011
Type of Release:	Produced Water
Source of Release:	Flow line
Volume of Release:	13 bbls
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Closure was agreed upon by the OCD and the BLM due to a combination of low chloride results, low TPH results, and extremely shallow rock depths as stated in the emails included in this closure report.
Remediation Activities:	n/a

Plan Sent to OCD:	01/02/2014	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	01/09/2014	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	09/09/2013	Email from Chris Jones to James Amos
BLM Approval of Plan:	09/09/2013	Email from James Amos to Chris Jones

Supporting Documentation

Initial C-141	Signed 08/24/2011
Final C-141	Signed 01/16/2014
Site Diagram	September 2011
Groundwater Plot	>100'
TOPO Maps	September 2012
Lab Summary	09/01/2011 and 01/18/2013
Lab Analysis	09/01/2011 and 01/18/2013
Correspondence	Request and approval of remediation/closure 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.

01/21/2014

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

30-015-24272

Release Notification and Corrective Action

nmLB1125255813		192463	OPERATOR	XX	Initial Report	Final Report
Name of Company Oxy Permian LTD.			Contact Dusty Wilson			
Address 1017 W. Stanolind Rd			Telephone No. (575) 397-8247			
Facility Name U.S. 13 Federal # 2			Facility Type Production			
Surface Owner BLM		Mineral Owner BLM		Lease No. NMNM97110		

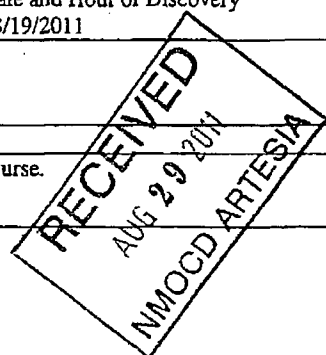
LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
	13	22s	24e	840	S	1650	E	Eddy

Latitude _____ Longitude _____

NATURE OF RELEASE

Type of Release Produce water	Volume of Release 13 bw	Volume Recovered none
Source of Release Flow line	Date and Hour of Occurrence 08/19/2011	Date and Hour of Discovery 08/19/2011
Was Immediate Notice Given? Yes No XX Not Required	If YES, To Whom?	
By Whom?	Date and Hour	
Was a Watercourse Reached? <input type="checkbox"/> Yes X No	If YES, Volume Impacting the Watercourse. n/a	
If a Watercourse was Impacted, Describe Fully *		
N/A		



Describe Cause of Problem and Remedial Action Taken.*

Flow line blew out due to corrosion No free fluids could be recovered Remediation efforts continue Will remediate to NMOCD guidelines

Describe Area Affected and Cleanup Action Taken *

Remediate to NMOCD Guidelines

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 Dusty L. Wilson		Signed By Approved by District Supervisor.	
Title HES Specialist	Approval Date SEP 09 2011	Expiration Date	
E-mail Address dusty_wilson@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 08/24/2011	Phone. (575) 397-8210		

- Attach Additional Sheets If Necessary

Remediation per OCD Rules &
Guidelines. **SUBMIT REMEDIATION
PROPOSAL NOT LATER THAN:**

10/9/2011

2RP-885

District I
1625 N. French Dr., Hobbs, NM 88240
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1301 W. Grand Avenue, Artesia, NM 88210
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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

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Form C-141
Revised October 10, 2003

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side of form

Release Notification and Corrective Action

OPERATOR

☐ Initial Report ☒ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	U.S. 13 Federal #2	Facility Type	Production

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
	13	22S	24E	840	South	1650	East	Eddy County, NM

Latitude _____ Longitude _____

NATURE OF RELEASE


Type of Release	Produced water	Volume of Release	15 bbls	Volume Recovered	0 bbls
Source of Release	Flow line leak	Date and Hour of Occurrence	08/19/2011	Date and Hour of Discovery	
Was Immediate Notice Given?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Required	If YES, To Whom?			
By Whom?		Date and Hour			
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.*	<div>RECEIVED JAN 23 2014 NMOCD ARTESIA</div>
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Describe Cause of Problem and Remedial Action Taken.* Corrosion on a flow line caused it to blow out and leak 15 bbls of produced water onto the ground. No free liquids could be recovered and the line was repaired or replaced.

Describe Area Affected and Cleanup Action Taken.* The affected area is located inside the lined battery with very little overspray in the surrounding pasture. Remediation was completed in accordance with a plan approved by NMOCD and the BLM.
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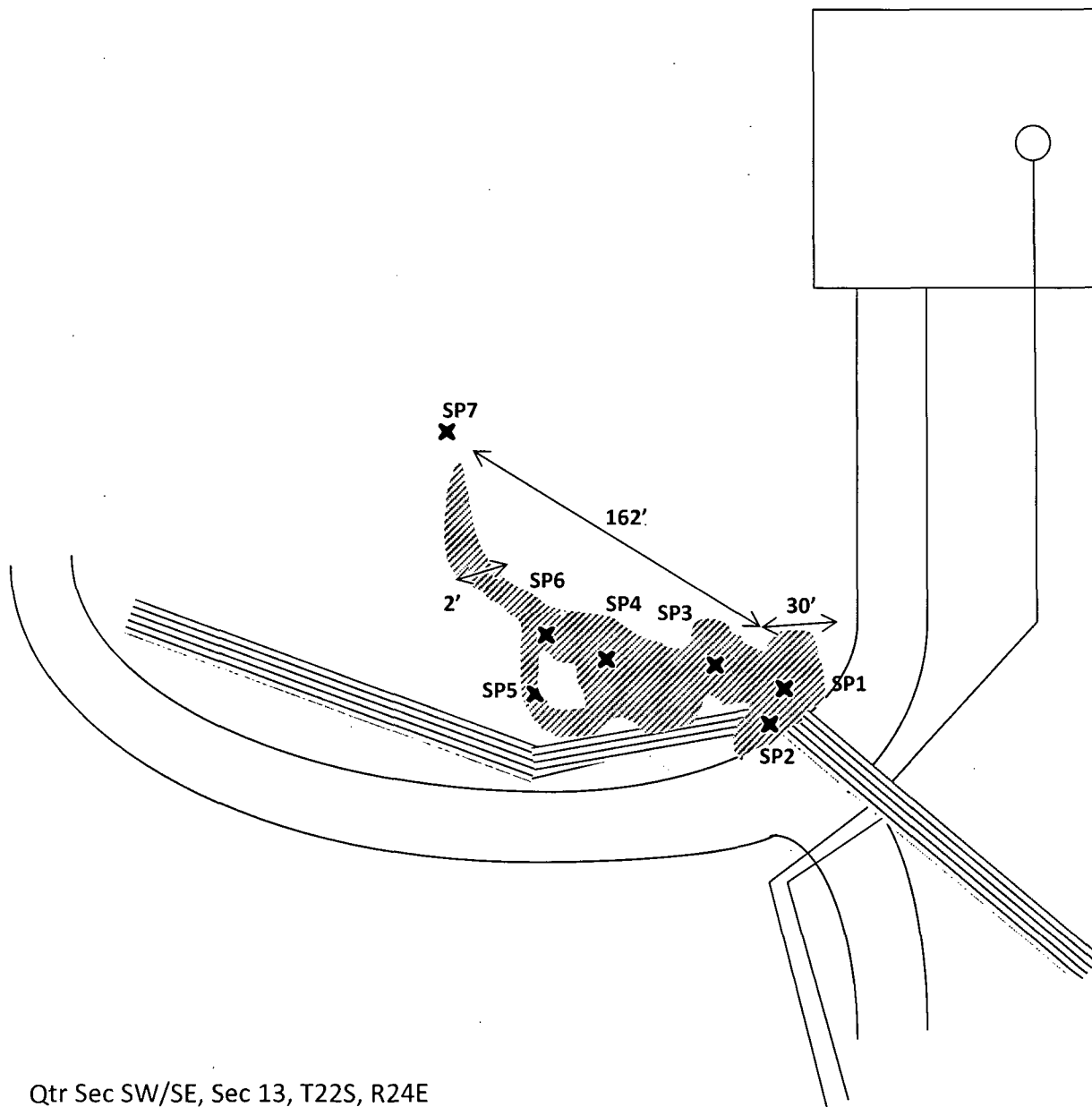
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger 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: Christopher Jones	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Christopher.Jones@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 1/16/14	Phone: (575) 628-4121		

* Attach Additional Sheets If Necessary



Oxy
U.S. 13, Federal #2



Qtr Sec SW/SE, Sec 13, T22S, R24E
840' FSL, 1650' FEL
Eddy County, NM
N 32.38966, W 104.44933

BBC International, Inc.	
Oxy Carlsbad	
U.S. 13, Federal #2	
Date: 09/19/11	DRWG by: KAP
Disk:	Sheet 1 of 1
Scale: Not to Scale	File Name: DRWG

Groundwater Plot

Oxy US 13, Federal #2

County
Eddy

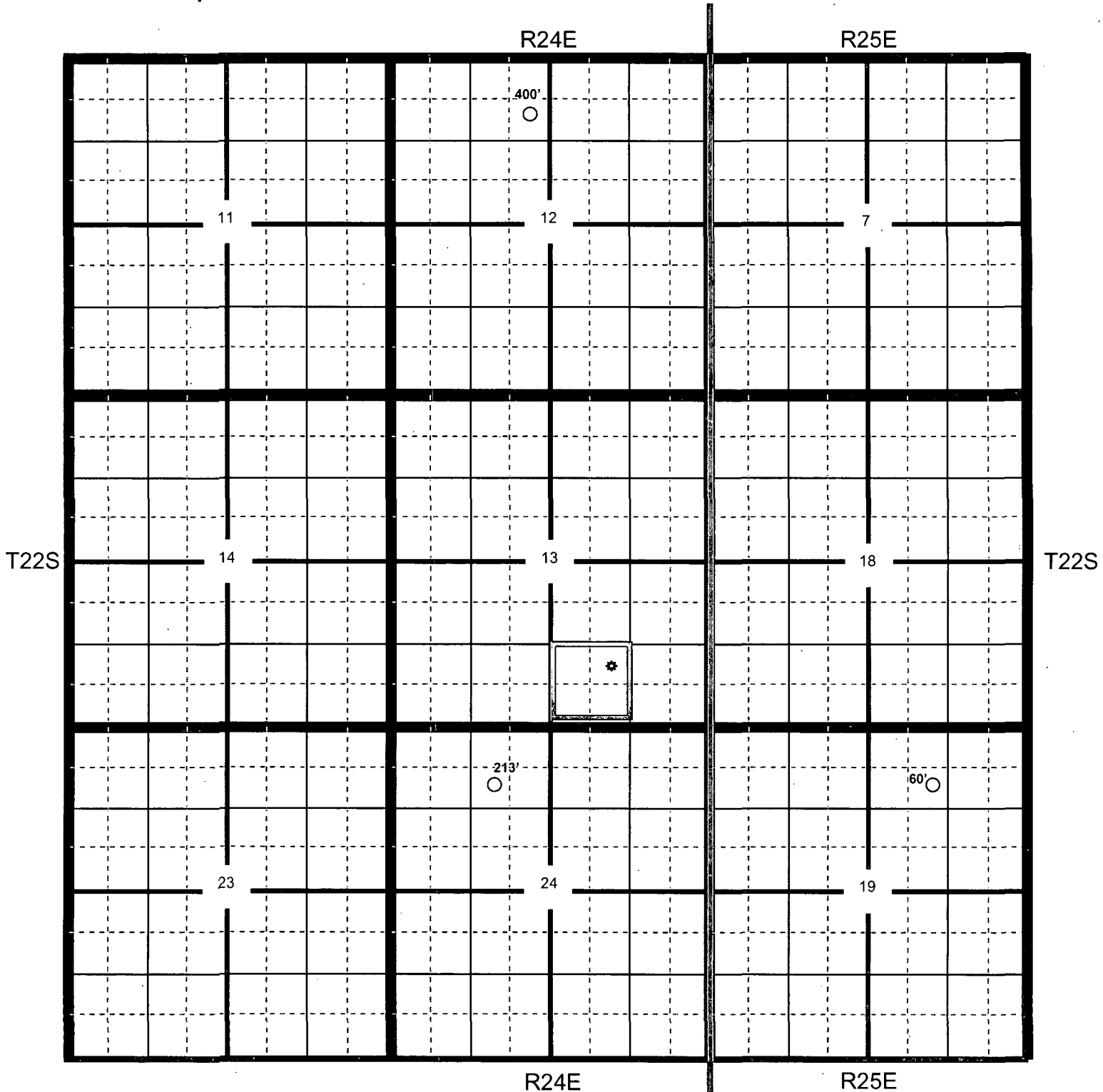
Unit Letter
O

Section
13

Township
22S

Range
24E

Trend Map 100'+



Section Quarters

Oxy US 13, Federal #2

County Eddy Unit Letter O Section 13 Township 22S Range 24E

Trend Map 100'+

1

2

NW/NW	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

US 13 Federal #2

AZOTEA PEAK QUADRANGLE
NEW MEXICO-EDDY CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

PROVISIONAL MAP
 Prepared from original
 manuscript drawings. Infor-
 mation shown as of date of
 check.

THIS MAP COMPARES WITH NATIONAL MAP AGENCY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DESOTO, GEORGIA 30030
AIR RESERVE, VIRGINIA 22092

32104414-1P-024

Laboratory Analytical Results Summary
Oxy, U.S. 13, Federal #2

		Sample	SP1 @ Surface	SP1 @ 1'
Analyte	Method	Date	9/1/11	9/1/11
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		80	96

		Sample	SP2 @ Surface	SP2 @ 6"
Analyte	Method	Date	9/1/11	9/1/11
			mg/Kg	mg/Kg
Benzene	BTEX8021B		<0.050	<0.050
Toluene	BTEX8021B		0.063	0.077
Ethylbenzene	BTEX8021B		0.089	0.176
Total Xylenes	BTEX8021B		0.241	0.422
Chloride	SM4500Cl-B		2080	480
GRO	TPH8015M		102	65.6
DRO	TPH8015M		19600	5470

Re-sample		Sample	SP2 @ 6"
Analyte	Method	Date	11/8/13
			mg/Kg
Benzene	BTEX8021B		<0.050
Toluene	BTEX8021B		<0.050
Ethylbenzene	BTEX8021B		<0.050
Total Xylenes	BTEX8021B		<0.150
Chloride	SM4500Cl-B		<16.0
GRO	TPH8015M		<10.0
DRO	TPH8015M		<10.0

		Sample	SP3 @ Surface	SP3 @ 6"
Analyte	Method	Date	9/1/11	9/1/11
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		496	160

		Sample	SP4 @ Surface	SP4 @ 6"
Analyte	Method	Date	9/1/11	9/1/11
			mg/Kg	mg/Kg
Benzene	BTEX8021B		<0.050	<0.050
Toluene	BTEX8021B		<0.050	<0.050
Ethylbenzene	BTEX8021B		<0.050	<0.050
Total Xylenes	BTEX8021B		0.163	0.164
Chloride	SM4500Cl-B		192	208
GRO	TPH8015M		11.1	<10.0
DRO	TPH8015M		645	283

		Sample	SP5 @ Surface	SP5 @ 1'
Analyte	Method	Date	9/1/11	9/1/11
			mg/Kg	mg/Kg
Benzene	BTEX8021B		<0.050	<0.050
Toluene	BTEX8021B		0.073	<0.050
Ethylbenzene	BTEX8021B		0.087	<0.050
Total Xylenes	BTEX8021B		0.287	<0.150
Chloride	SM4500Cl-B		448	336
GRO	TPH8015M		<10.0	<10.0
DRO	TPH8015M		225	23.4

		Sample	SP6 @ Surface	SP6 @ 6"
Analyte	Method	Date	9/1/11	9/1/11
			mg/Kg	mg/Kg
Chloride	SM4500Cl-B		176	192

		Sample	SP7 @ Surface
Analyte	Method	Date	9/1/11
			mg/Kg
Chloride	SM4500Cl-B		<16.0

September 08, 2011

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: US 13 FED #2

Enclosed are the results of analyses for samples received by the laboratory on 09/02/11 16:12.

Cardinal Laboratories is accredited through Texas NELAP for:

Method SW-846 8021	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method SW-846 8260	Benzene, Toluene, Ethyl Benzene, and Total Xylenes
Method TX 1005	Total Petroleum Hydrocarbons

Certificate number T104704398-08-TX. Accreditation applies to solid and chemical materials and non-potable water matrices.

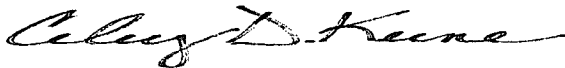
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (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: (505) 397-0397

 Received: 09/02/2011
 Reported: 09/08/2011
 Project Name: US 13 FED #2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 09/01/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 1 @ SURFACE (H101881-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	09/06/2011	ND	400	100	400	7.69		

Sample ID: SP 1 @ 1' (H101881-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	09/06/2011	ND	400	100	400	7.69	

Sample ID: SP 2 @ SURFACE (H101881-03)

BTX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65		
Toluene*	0.063	0.050	09/07/2011	ND	2.37	118	2.00	9.63		
Ethylbenzene*	0.089	0.050	09/07/2011	ND	2.36	118	2.00	8.37		
Total Xylenes*	0.241	0.150	09/07/2011	ND	7.07	118	6.00	8.03		

Surrogate: 4-Bromofluorobenzene (PIE) 103 % 64.4-134

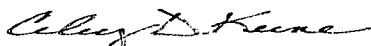
Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2080	16.0	09/06/2011	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	102	50.0	09/07/2011	ND	169	84.5	200	1.21	

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: (505) 397-0397

Received: 09/02/2011
Reported: 09/08/2011
Project Name: US 13 FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 09/01/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

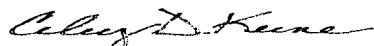
Sample ID: SP 2 @ SURFACE (H101881-03)

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
DRO >C10-C28	19600	50.0	09/07/2011	ND	171	85.3	200	0.811	
Surrogate: 1-Chlorooctane	102 %	55.5-154							
Surrogate: 1-Chlorooctadecane	106 %	57.6-158							

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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: (505) 397-0397

Received: 09/02/2011
Reported: 09/08/2011
Project Name: US 13 FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 09/01/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 6" (H101881-04)

BTEX 8021B		mg/kg		Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65		
Toluene*	0.077	0.050	09/07/2011	ND	2.37	118	2.00	9.63		
Ethylbenzene*	0.176	0.050	09/07/2011	ND	2.36	118	2.00	8.37		
Total Xylenes*	0.422	0.150	09/07/2011	ND	7.07	118	6.00	8.03		

Surrogate: 4-Bromofluorobenzene (PIL) 124 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	480	16.0	09/06/2011	ND	400	100	400	7.69	
TPH 8015M		mg/kg		Analyzed By: ab					

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	65.6	50.0	09/07/2011	ND	169	84.5	200	1.21	
DRO >C10-C28	5470	50.0	09/07/2011	ND	171	85.3	200	0.811	

Surrogate: 1-Chlorooctane 116 % 55.5-154

Surrogate: 1-Chlorooctadecane 102 % 57.6-158


Sample ID: SP 3 @ SURFACE (H101881-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	496	16.0	09/06/2011	ND	400	100	400	7.69	

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: (505) 397-0397

 Received: 09/02/2011
 Reported: 09/08/2011
 Project Name: US 13 FED #2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 09/01/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 3 @ 6" (H101881-06)

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	09/06/2011	ND	400	100	400	7.69	

Sample ID: SP 4 @ SURFACE (H101881-07)

BTX 8021B		mg/kg	Analyzed By: CMS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65	
Toluene*	<0.050	0.050	09/07/2011	ND	2.37	118	2.00	9.63	
Ethylbenzene*	<0.050	0.050	09/07/2011	ND	2.36	118	2.00	8.37	
Total Xylenes*	0.163	0.150	09/07/2011	ND	7.07	118	6.00	8.03	

Surrogate: 4-Bromofluorobenzene (PIL) 107 % 64.4-134

Chloride, SM4500Cl-B		mg/kg	Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/06/2011	ND	400	100	400	7.69	

TPH 8015M		mg/kg	Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	11.1	10.0	09/07/2011	ND	169	84.5	200	1.21	
DRO >C10-C28	645	10.0	09/07/2011	ND	171	85.3	200	0.811	

Surrogate: 1-Chlorooctane 102 % 55.5-154

Surrogate: 1-Chlorooctadecane 95.8 % 57.6-158

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (505) 397-0397

 Received: 09/02/2011
 Reported: 09/08/2011
 Project Name: US 13 FED #2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 09/01/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 4 @ 6" (H101881-08)

BTEX 8021B			mg/kg		Analyzed By: CMS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65		
Toluene*	<0.050	0.050	09/07/2011	ND	2.37	118	2.00	9.63		
Ethylbenzene*	<0.050	0.050	09/07/2011	ND	2.36	118	2.00	8.37		
Total Xylenes*	0.164	0.150	09/07/2011	ND	7.07	118	6.00	8.03		

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 64.4-134

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	208	16.0	09/06/2011	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: ab					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/07/2011	ND	169	84.5	200	1.21	
DRO >C10-C28	283	10.0	09/07/2011	ND	171	85.3	200	0.811	

Surrogate: 1-Chlorooctane 106 % 55.5-154

Surrogate: 1-Chlorooctadecane 105 % 57.6-158

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: (505) 397-0397

 Received: 09/02/2011
 Reported: 09/08/2011
 Project Name: US 13 FED #2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 09/01/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 5 @ SURFACE (H101881-09)

BTEX 8021B		mg/kg	Analyzed By: CMS							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65		
Toluene*	0.073	0.050	09/07/2011	ND	2.37	118	2.00	9.63		
Ethylbenzene*	0.087	0.050	09/07/2011	ND	2.36	118	2.00	8.37		
Total Xylenes*	0.287	0.150	09/07/2011	ND	7.07	118	6.00	8.03		

Surrogate: 4-Bromofluorobenzene (PIL) 109 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	448	16.0	09/06/2011	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: ab						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	09/07/2011	ND	169	84.5	200	1.21		
DRO >C10-C28	225	10.0	09/07/2011	ND	171	85.3	200	0.811		

Surrogate: 1-Chlorooctane 110 % 55.5-154

Surrogate: 1-Chlorooctadecane 99.2 % 57.6-158

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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: (505) 397-0397

 Received: 09/02/2011
 Reported: 09/08/2011
 Project Name: US 13 FED #2
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 09/01/2011
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 5 @ 1' (H101881-10)

BTEX 8021B			mg/kg		Analyzed By: CMS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/07/2011	ND	2.42	121	2.00	7.65	
Toluene*	<0.050	0.050	09/07/2011	ND	2.37	118	2.00	9.63	
Ethylbenzene*	<0.050	0.050	09/07/2011	ND	2.36	118	2.00	8.37	
Total Xylenes*	<0.150	0.150	09/07/2011	ND	7.07	118	6.00	8.03	

Surrogate: 4-Bromofluorobenzene (PIL) 111 % 64.4-134

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	09/06/2011	ND	400	100	400	7.69	

TPH 8015M			mg/kg		Analyzed By: ab				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	09/07/2011	ND	169	84.5	200	1.21	
DRO >C10-C28	23.4	10.0	09/07/2011	ND	171	85.3	200	0.811	

Surrogate: 1-Chlorooctane 108 % 55.5-154

Surrogate: 1-Chlorooctadecane 101 % 57.6-158

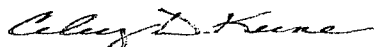
Sample ID: SP 6 @ SURFACE (H101881-11)

Chloride, SM4500Cl-B			mg/kg		Analyzed By: HM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	09/06/2011	ND	416	104	400	3.77	

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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: (505) 397-0397

Received: 09/02/2011
Reported: 09/08/2011
Project Name: US 13 FED #2
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 09/01/2011
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 6 @ 6" (H101881-12)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	09/06/2011	ND	416	104	400	3.77	

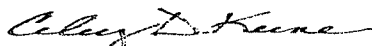
Sample ID: SP 7 @ SURFACE (H101881-13)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	09/06/2011	ND	416	104	400	3.77	

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

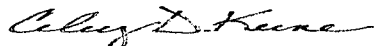
Notes and Definitions

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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Celey D. Keene, Lab Director/Quality Manager



(505) 393-2326 FAX (505) 393-2476

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST																		
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:																						
Project #: Project Owner: Oxy				City:																						
Project Name: US 13 Fed # 2				State: Zip:																						
Project Location:				Phone #:																						
Sampler Name: Jordan Woodfin				Fax #:																						
FOR LAB USE ONLY																										
Lab I.D.		Sample I.D.		GRAB OR (COMP.)		# CONTAINERS		MATRIX			PRESERV.		SAMPLING		<div style="display: flex; justify-content: space-around; font-size: 2em;"> Chlorides BTEX TPH </div>											
								GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:			ACID/BASE: ICE / COOL OTHER:		DATE TIME													
H1D1881																										
-1		SP1C Surface		G		1					X		9/1/11 1000													
2		SP1C 1'		G		1					X		9/1/11 1022													
3		SP2C Surface		G		1					X		9/1/11 1040													
4		SP2C 6"		G		1					X		1057													
5		SP3C Surface		G		1					X		1133													
6		SP3C 6"		G		1					X		1203													
7		SP4C Surface		G		1					X		1307													
8		SP4C 6"		G		1					X		1329													
9		SP5C Surface		G		1					X		1340													
10		SP5C 11"		G		1					X		1400													
<small>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.</small>																										
Relinquished By: Jordan Wood				Date: 9/1/11		Received By: [Signature]				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:												
				Time: 7:10 AM						Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:												
Relinquished By: [Signature]				Date: 9/2/11		Received By: Jodi Benson				REMARKS:																
				Time: 7:10 PM																						
Delivered By: (Circle One)				Sample Condition				CHECKED BY:																		
Sampler - UPS - Bus - Other:				Cool Intact				(Initials)																		
				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No <input type="checkbox"/> Yes																		

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

(505) 393-2326 FAX (505) 393-2476

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST																					
Project Manager: Cliff Brunson				P.O. #:				<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> Chlorides BTEX TPH </div> <div style="width: 85%;"></div> </div>																					
Address: P.O. Box 805				Company:																									
City: Hobbs		State: NM Zip: 88241		Attn:																									
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:																									
Project #:		Project Owner: Oxy		City:																									
Project Name: US 13 Rd #2				State: Zip:																									
Project Location:				Phone #:																									
Sampler Name: Jordan Woodfin				Fax #:																									
FOR LAB USE ONLY																													
Lab I.D.		Sample I.D.		G(RAB OR C)OMP.		# CONTAINERS		MATRIX				PRESERV		SAMPLING															
								GROUNDWATER																					
								WASTEWATER																					
								SOIL																					
								OIL																					
								SLUDGE																					
								OTHER :																					
								ACID/BASE:																					
								ICE / COOL																					
								OTHER :																					
												DATE		TIME															
H101881				G		1																							
- 11		Sp 10 Surface		G		1								9/1/11		1429		X											
12		Sp 10 Surface		G		1								9/1/11		1451		X											
13		Sp 10 Surface		G		1								9/1/11		1515		X											

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Relinquished By: <u>Jordan Wood</u> Date: <u>2/1/11</u> Time: <u>1:00</u>		Received By: <u>[Signature]</u>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____ REMARKS: _____	
Relinquished By: <u>[Signature]</u> Date: <u>2/2/11</u> Time: <u>7:00pm</u>		Received By: <u>Jodi Benson</u>		REMARKS: _____	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <u>-7</u>		Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No			
		CHECKED BY: (Initials) <u>[Signature]</u>			

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

#26

November 14, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: US 13 FED #2

Enclosed are the results of analyses for samples received by the laboratory on 11/11/13 10:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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.

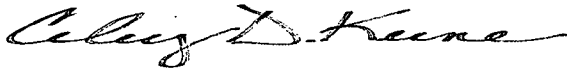
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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: 11/11/2013
Reported: 11/14/2013
Project Name: US 13 FED #2
Project Number: NONE GIVEN
Project Location: INDIAN BASIN

Sampling Date: 11/08/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 6 IN. (H302740-01)

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	11/13/2013	ND	1.66	83.0	2.00	12.6		
Toluene*	<0.050	0.050	11/13/2013	ND	1.68	84.2	2.00	11.8		
Ethylbenzene*	<0.050	0.050	11/13/2013	ND	1.69	84.7	2.00	11.9		
Total Xylenes*	<0.150	0.150	11/13/2013	ND	5.13	85.4	6.00	10.6		
Total BTEX	<0.300	0.300	11/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 105 % 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	<16.0	16.0	11/13/2013	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	11/12/2013	ND	199	99.4	200	7.54	
DRO >C10-C28	<10.0	10.0	11/12/2013	ND	186	92.9	200	7.14	

Surrogate: 1-Chlorooctane 99.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

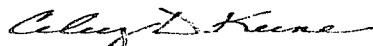
Notes and Definitions

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

Cardinal Laboratories

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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

Page 4 of 4

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																							
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:																									
Project #:		City:																									
Project Name: US Fed 13-2		State:																									
Project Location: Indian Basin		Zip:																									
Sampler Name: Gary City		Phone #:																									
Fax #:																											
FOR LAB USE ONLY																											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.		SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME													
H3027130	1 SP 20 bin	6	2			X					X		11-8-13	11:00pm	X	X	X										
<div style="position: relative; width: 100%; height: 100%;"> <div style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; border: 1px solid black; transform: rotate(45deg);"></div> <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%);"> <p>11/11/13</p> </div> </div>																											

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: 11-11-13 Time: 8:10	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date: 11/11/13 Time: 10:45	Received By: Jodi Benson	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:			REMARKS:	
Sample Condition Cool <input type="checkbox"/> Yes <input type="checkbox"/> No Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY:		

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

#54

Kathy Purvis

From: Ken Swinney <kswinney@bbcinternational.com>
Sent: Thursday, January 02, 2014 9:35 AM
To: Kathy Purvis
Subject: FW: Closure

-----Original Message-----

From: Christopher_Jones@oxy.com [mailto:Christopher_Jones@oxy.com]
Sent: Tuesday, September 10, 2013 9:26 AM
To: cbrunson@bbcinternational.com; kswinney@bbcinternational.com
Subject: Fwd: Closure

What do y'all think.

Chris Jones
HES Specialist
Permian Primary Production
Carlsbad, NM
Cell 575-499-3337
Off 575-628-4121

"We do not inherit the earth from our ancestors; we borrow it from our children." Chief Seattle

Begin forwarded message:

From: "Bratcher, Mike, EMNRD" <mike.bratcher@state.nm.us<mailto:mike.bratcher@state.nm.us>>
Date: September 10, 2013, 8:48:31 AM MDT
To: "Jones, Christopher K" <Christopher_Jones@oxy.com<mailto:Christopher_Jones@oxy.com>>
Subject: RE: Closure

Chris,

The biggest issue I see for this release, just looking at the analytical data, is one spot that had some fairly high hydrocarbon numbers (TPH 19,700 @ surface - most of it was DRO and then went to 5500 @ 6"). It looks like this area was right around the cluster of flowlines as they come out (or go under) the road on I believe the north side. Do you know if any of that was removed? The proposal was to attempt removal to 1' in that area. Cliff and I discussed this release and I believe he had indicated that the 1' excavation may not be achievable in this area due to lines and in most areas out there, you hit rock fairly shallow. I would need something in the closure report to address that area, then if Jim is good with the re-veg, I would be ok with it.

I also have another open C-141 for this site - 2RP-726 was an 80 bbl release in Feb 2010. Elke environmental did the investigation on it and got low chloride and TPH numbers, and mentioned encountering rock within 1'-2'. We could close this one with a C-141 final requesting closure based on low numbers and shallow rock. I have a copy of the Elke report, it just hasn't been imaged yet.

There was also a large volume release (around 1600 bbls) out there in later 2010. The C-141 was submitted as initial and final, and accepted for record. It stated a water sample was taken and reported analysis for chloride was around 1600 -

1700 ppm. Not sure if this was a field test @ ppm or lab test, which should have been reported in mg/L. Either way, it seems the produced water is relatively low in chloride content. This C-141 stated the area would be monitored for re-veg. It is not open in our system, but if you wanted to mention in the closure for one of the other releases, that the area has re-veg, and refer to this release specifically, it would clear things up in the well file for this site if someone is looking at it down the road. There was never an RP number assigned to this release, but all of the C-141s are in the well file. 30-015-34272

Let me know if you need anything from me or want to discuss any of this. It would be a good thing to get all of these closed out.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

-----Original Message-----

From: Christopher_Jones@oxy.com<mailto:Christopher_Jones@oxy.com> [mailto:Christopher_Jones@oxy.com]
Sent: Monday, September 09, 2013 4:37 PM
To: Bratcher, Mike, EMNRD
Subject: Fwd: Closure

Mike as you can see from my coresponding email with Jim I am hoping that you would go along with closing this site out. Please let me know what you think.

Chris Jones
HES Specialist
Permian Primary Production
Carlsbad, NM
Cell 575-499-3337
Off 575-628-4121

"We do not inherit the earth from our ancestors; we borrow it from our children." Chief Seattle

Begin forwarded message:

From: "Amos, James" <jamos@blm.gov<mailto:jamos@blm.gov><mailto:jamos@blm.gov>>
Date: September 9, 2013, 4:13:59 PM MDT
To: "Jones, Christopher K"
<Christopher_Jones@oxy.com<mailto:Christopher_Jones@oxy.com><mailto:Christopher_Jones@oxy.com>>
Subject: Re: Closure

Chris,

I did look at the multiple spills associated with the US 13 Federal #2 well. I am good for closing out the releases. The Chloride levels do not appear to be a big issue, can only see the locations improve. I did have some issues with the location. Plastic catchments with fluids and no netting. Some minor trash and scrap around the adjacent pasture .Need to address.

Thanks

On Mon, Sep 9, 2013 at 3:27 PM,

<Christopher_Jones@oxy.com<mailto:Christopher_Jones@oxy.com><mailto:Christopher_Jones@oxy.com>> wrote:
Jim, I also went and looked at the US 13 Fed #2 site again, I had asked you a while back for closure here as well. The growth is even better now than it was the last time I looked. You had said that you were going to look at this site and get back with me. Please let me know what you think.

Chris Jones
HES Specialist
Permian Primary Production
Carlsbad, NM
Cell 575-499-3337
Off 575-628-4121

"We do not inherit the earth from
our ancestors; we borrow it from
our children." Chief Seattle

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James A. Amos
Bureau of Land Management
Carlsbad Field Office
Supervisory Environmental Protection Specialist
620 East Greene Street
Carlsbad, NM. 88220
Office: (575) 234-5909
Fax: (575) 234-5927
Cell: (575) 361-2648
E-mail: jamos@blm.gov<mailto:jamos@blm.gov><mailto:jamos@blm.gov>

Kathy Purvis

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Wednesday, October 12, 2011 8:08 AM
To: Cliff P. Brunson
Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: Oxy US Federal 13-2

Reference: OXY USA * US 13 Fed 002 * 30-015-34272 * H-13-22s-24e * Eddy County, New Mexico
OCD Tracking Number: **2RP-885** * DOR: 8/19/11

Cliff,

As discussed, the remediation proposal submitted for cleanup of the above referenced produced fluid release is approved with the following conditions and/or stipulations:

- Notify OCD District 2 office 48 hours prior to commencement of remedial activities.
- Notify OCD District 2 office 48 hours prior to obtaining any samples where the analyses will be submitted to OCD.
- Confirmation samples are to be obtained for hydrocarbon analyses, prior to backfilling, in the areas of SP-1, SP-2, and SP-3.
- OCD approval required for backfilling excavations.
- Submit a Form C-141 Final Report and closure report upon satisfactory completion of project.
- Project is to be completed and closure documentation submitted to OCD not later than December 12, 2011.
- Like approval by BLM or any other regulatory authority as may be applicable.

Be advised, OCD approval does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notifications, please contact me.

Mike Bratcher

NMOCD District 2
811 S. First Street
Artesia, NM 88210
575-748-1283 Ext. 108
575-626-0857
mike.bratcher@state.nm.us

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Saturday, September 17, 2011 3:43 PM
To: Bratcher, Mike, EMNRD
Cc: Dusty Wilson; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy US Federal 13-2

Mike,

This e-mail is to confirm our discussion on September 13, 2011 concerning the remediation plan for the release that occurred at the Oxy US Federal 13-2. As agreed, Oxy will excavate 6 inches of the impacted soil in the spill area and in the area of SP-2, the excavation will be 1 foot and a confirmation sample will be collected to verify the hydrocarbons are below 5,000 ppm which is the NMOCD guideline. The excavation will then be backfilled with clean soil. The depth to groundwater in this area is approximately 100 feet.

I have attached the site drawing and laboratory data and a few pictures that we reviewed during our discussion for your files. If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

Oxy and I thank you for your assistance in handling this matter.

Thanks, Cliff

Cliff 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

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Kathy Purvis

From: Ken Swinney <kswinney@bbcinternational.com>
Sent: Thursday, November 08, 2012 9:18 AM
To: kathy@bbcinternational.com
Subject: FW: Undesirable Event: 11NU120TG, US 13 Federal 2, Cleanup Plan Approval Stipulations
Attachments: OXY Written Order 13TG001-US 13 Federal 2-110712.pdf; ATT00001.htm

Begin forwarded message:

From: "Gregston, Terry G" <tgregsto@blm.gov<mailto:tgregsto@blm.gov>>
Date: November 7, 2012, 6:43:57 PM MST
To: "Jones, Christopher K" <Christopher_Jones@oxy.com<mailto:Christopher_Jones@oxy.com>>, "mike.bratcher@state.nm.us<mailto:mike.bratcher@state.nm.us>"
<mike.bratcher@state.nm.us<mailto:mike.bratcher@state.nm.us>>
Subject: Undesirable Event: 11NU120TG, US 13 Federal 2, Cleanup Plan Approval Stipulations

Mr. Jones,

This notification is in regard to the following location and undesirable event:

Event Number: 11NU120TG

Event Date: 8/19/2011

Event Name: US 13 Federal 2

Legals: T22S/R24E, sec. 13, SENE

The submitted cleanup plan from BBC International for the above location is approved with the following conditions of approval:

Special Stipulations:

1. As stated previously in an email to the operator dated 11/02/11, an archeological survey must be completed prior to beginning cleanup operations on this location. No archeological survey has been conducted or submitted to the BLM as of this date of plan approval. (See plan implementation requirements listed below.) 2. This location and associated facilities had four spills in an 18 month period during which a total release of 1,743 barrels occurred. As requested in an email to the operator dated 11/02/11, OXY shall submit a spill prevention plan with specified actions, increased maintenance/testing measures, and/or equipment replacement that will be implemented to prevent future large spills from occurring in a critical cave/karst area from this well location, associated facility, and associated infrastructure. (See

attached Written Order 13TG001, paper copy will be sent by certified mail to the operator). As per the written order, the abatement date for plan submission is 12/07/12. The plan should be submitted in conjunction with a Sundry Notice.

Notification Stipulations:

1. A copy of the cleanup plan and conditions of approval must be given to the contractor or site work personnel and be present on the location during all cleanup operations.
2. The authorized officer must be notified at the following phases of cleanup or conditions:
 - a. Prior to moving equipment on location for cleanup
 - b. When the excavation is nearing completion and a BLM inspection of the excavation or witnessing of sampling is required by the cleanup plan COA's.
 - c. When the cleanup work is nearing completion and to schedule a final onsite prior to removal of equipment.
 - d. Three days before the site is seeded.
 - e. Any time that a variance of the approved plan or conditions of approval is required.
 - f. In the event that you encounter excavation difficulties, unexpected void areas, or archeological artifacts the Authorized Officer must be contacted immediately. An onsite may be required to assess the situation.
3. The authorized officer on this undesirable event case is:

Terry Gregston

(575) 361-2635

tgregsto@blm.gov<mailto:tgregsto@blm.gov>

Plan Implementation:

1. Archeological survey must be completed within 30 days of plan approval and submitted to the BLM for review, clearance, or archeological monitoring stipulations.
2. Cleanup operations will begin within 20 days of BLM archeological review.

Archeology Stipulations:

1. An archeological survey is required for this location prior to beginning any cleanup work.
- Depending on the results of the archeological survey:
2. An archeological monitor may be required for this location during all work operations.

In the event that archeological artifacts are discovered during cleanup operations, contact the authorized officer on this case immediately. An onsite will be required to assess the situation.

Pasture Impacted Areas:

1. The BLM requires horizontal cleanup of the spill impacted areas in addition to vertical cleanup/mitigation measures.
2. The BLM may wish to inspect the excavation once it reaches cleanup depth/width. Confirmation samples of excavation bottoms, sidewalls and any visibly affected areas outside of the excavation trench will be required; the BLM may witness the sampling. Contact the authorized officer to schedule.
3. Lab analysis of the confirmation sampling must be forwarded to the authorized officer for final approval before backfilling. Based on the sampling results, additional cleanup may be required or the site may be approved for closure.
4. Once final approval of cleanup is given, the excavation can be backfilled with clean soil to the level of the original native contour plus enough loft to accommodate the settling and compaction of unconsolidated fill soils.
5. The top 6 inches of the backfill material must be topsoil similar to that in the surrounding native terrain.
6. If pastures are not contaminated but are impacted by cleanup operations, the impacts to the pasture areas will be mitigated by recontouring the impacted areas and restoring the surface as listed in items 7 through 9 of this section.
7. Install erosion control measures in the pasture-affected areas to prevent the unconsolidated reclamation materials from washing or blowing away until reclaimed areas settle and begin to revegetate.
8. Rip and seed reclaimed and equipment-impacted pasture areas with BLM seed mix #3 and #4, 50/50 mix.
9. Barricade entrance to reclaimed pasture areas with fencing or an earthen barrier sufficient to prevent vehicular access.
10. Continue to monitor spill reclamation area to ensure impacted pasture areas revegetate and that erosion issues do not develop.

Other Stipulations:

1. At the time of the final onsite for this location, the production facilities, well pad, access road, and the surrounding pasture areas must be in a condition that will pass a routine inspection.
2. All household trash, debris, disconnected pipe and equipment must be removed from the area and the surrounding pasture and hauled to an authorized landfill. Do not bury cleanup trash, equipment debris, or household garbage in the cleanup excavation.

BLM approval of this proposal does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health, or the environment, or if the location fails to reclaim properly. In such an event that location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state, or local laws/regulations.

Thank you for your attention to these concerns,

Terry Gregston
Environmental Protection Specialist
Bureau of Land Management
620 E. Greene St.
Carlsbad, NM 88220
Office (575) 234-5958
Cell (575) 361-2635
Fax (575) 234-5927

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Kathy Purvis

From: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>
Sent: Thursday, January 09, 2014 1:40 PM
To: Cliff P. Brunson
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: RE: OXY-U.S. 13 Federal #2-Remediation Plan

Reference: OXY USA WTP, LP * US 13 Fed 002 * 30-015-34272 * H-13-22s-24e * Eddy County, New Mexico
NMOCD Reference numbers: 2RP-726 (date of release: 2/6/2010) & 2RP-885 (date of release: 8/19/2011)

Cliff,

As discussed, OCD will approve closure (with form C-141 Final Report) for the above referenced releases.

If you have any questions or concerns, please contact me.

Mike Bratcher
NMOCD District 2
811 S. First Street
Artesia, NM 88210
O: 575-748-1283 X108
C: 575-626-0857
F: 575-748-9720

From: Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]
Sent: Thursday, January 02, 2014 12:42 PM
To: Bratcher, Mike, EMNRD
Cc: Chris Jones; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY-U.S. 13 Federal #2-Remediation Plan

Mike,

This e-mail is to confirm our conversation on December 18, 2013 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will be allowed to close this site with no further action. As you recall and review the attached e-mail chain discussion between you, Chris Jones, and Jim Amos and the attached lab data for the resampling of SP2 at 6 inches, the contaminant levels are reduced to below guidelines allowing for no further action. Oxy appreciates your working with them to get this site to closure.

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:
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