

Closure Report

Site Description

Site Name:	Government AB Federal #11
Company:	Oxy USA Inc.
Legal Description:	U/L F, Section 10, T20S, R28E
County:	Eddy County, NM
GPS Coordinates:	N 32.58968 W-104.16824

Release Data

Date of Release:	10/23/18
Type of Release:	Oil and produced water
Source of Release:	Stuffing box packing came out
Volume of Release:	3 bbls oil, 7 bbls produced water
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Excavated the entire leak area to a depth of 3 feet. Obtained bottom confirmation samples. Backfilled the site with clean soil.	
Remediation Activities:	6/20/19 to 6/25/19	
Plan Sent to OCD:	12/10/18	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	6/10/19	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	12/10/18	Email from Cliff Brunson to Shelly Tucker
BLM Approval of Plan:	1//28/19	Email from Shelly Tucker to Cliff Brunson

Supporting Documentation

Initial C-141	Signed 11/14/18
C-141, page 6	Signed and included
Site Diagram	November 2018
Pictures	Remediation pictures prior to and after backfill

Request for Closure

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

Cliff Brunson, President, BBC International, Inc.

06/27/2019

Oxy, Government AB Federal #11

Leak date: 10/23/18
Eddy County, NM
2RP-5059

Legend

-  3 ft excavation
-  Confirmation sample points
-  Sample points
-  Leak Area



Oxy, Government AB Federal 11

Sample points

SP1, N 32.58967 W-104.16810

SP2, N 32.58968 W-104.16824

SP3, N 32.58960 W-104.16813

NORTH, N 32.58972 W-104.16820

SOUTH, N 32.58957 W-104.16813

EAST, N 32.58967 W-104.16805

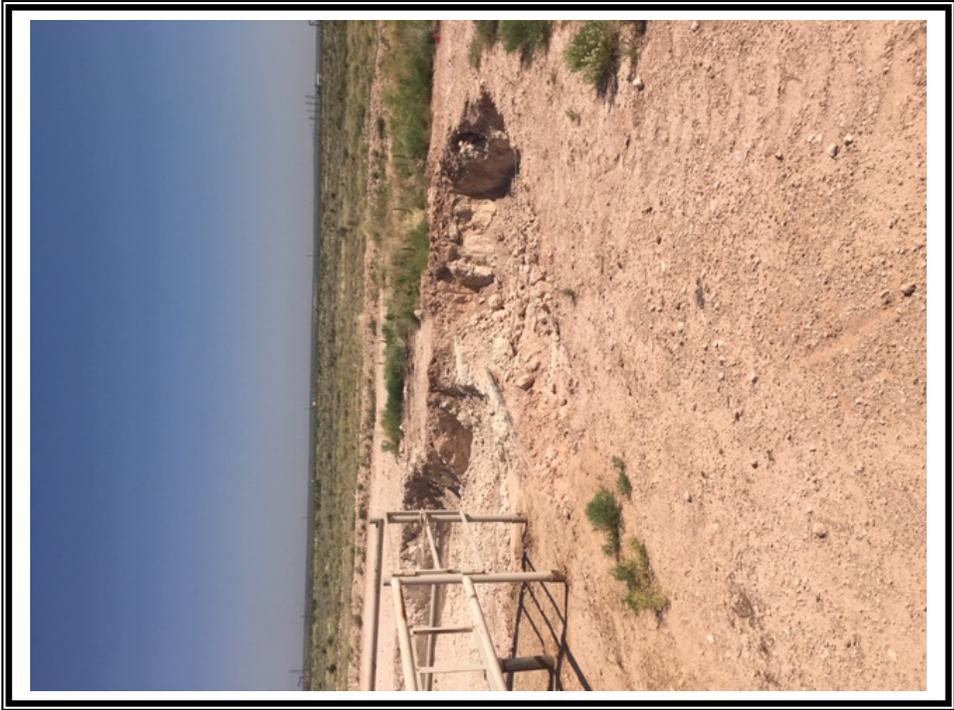
WEST, N 32.58968 W-104.16829

Confirmation sample points

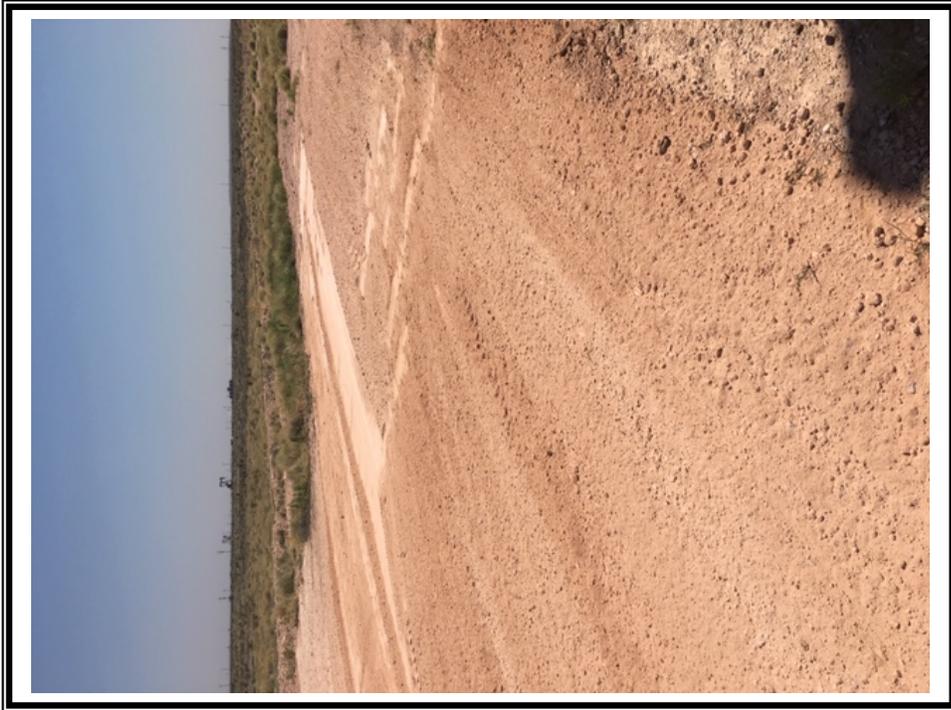
BOTTOM 1, N 32.58960 W-104.16811

BOTTOM 2, N 32.58966 W-104.16812

BOTTOM 3, N 32.58968 W-104.16823







Laboratory Analytical Results Summary
Government AB Federal #11 (10/23/18)

		Sample ID	Bottom 1	Bottom 2	Bottom 3
Analyte	Method	Date	6/21/19	6/21/19	6/21/19
			mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenz	BTEX 8021B		<0.050	<0.050	<0.050
Total Xyle	BTEX 8021B		<0.150	<0.150	<0.150
Total BTE	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		32	32	32
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0



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

June 25, 2019

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: GOVERNMENT AB FEDERAL #11

Enclosed are the results of analyses for samples received by the laboratory on 06/24/19 9:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-18-11. 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,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

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:	06/24/2019	Sampling Date:	06/21/2019
Reported:	06/25/2019	Sampling Type:	Soil
Project Name:	GOVERNMENT AB FEDERAL #11	Sampling Condition:	** (See Notes)
Project Number:	(10/23/18)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM 1 (H902152-01)

BTEX 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2019	ND	1.80	89.9	2.00	4.73		
Toluene*	<0.050	0.050	06/24/2019	ND	1.77	88.4	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/24/2019	ND	1.68	84.2	2.00	6.10		
Total Xylenes*	<0.150	0.150	06/24/2019	ND	5.14	85.7	6.00	6.13		
Total BTEX	<0.300	0.300	06/24/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/24/2019	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	06/24/2019	ND	199	99.5	200	6.66		
DRO >C10-C28*	<10.0	10.0	06/24/2019	ND	212	106	200	2.30		
EXT DRO >C28-C36	<10.0	10.0	06/24/2019	ND						

Surrogate: 1-Chlorooctane 77.6 % 41-142

Surrogate: 1-Chlorooctadecane 82.8 % 37.6-147

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:	06/24/2019	Sampling Date:	06/21/2019
Reported:	06/25/2019	Sampling Type:	Soil
Project Name:	GOVERNMENT AB FEDERAL #11	Sampling Condition:	** (See Notes)
Project Number:	(10/23/18)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM 2 (H902152-02)

BTEX 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2019	ND	1.80	89.9	2.00	4.73		
Toluene*	<0.050	0.050	06/24/2019	ND	1.77	88.4	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/24/2019	ND	1.68	84.2	2.00	6.10		
Total Xylenes*	<0.150	0.150	06/24/2019	ND	5.14	85.7	6.00	6.13		
Total BTEX	<0.300	0.300	06/24/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/24/2019	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	06/24/2019	ND	199	99.5	200	6.66		
DRO >C10-C28*	<10.0	10.0	06/24/2019	ND	212	106	200	2.30		
EXT DRO >C28-C36	<10.0	10.0	06/24/2019	ND						

Surrogate: 1-Chlorooctane 77.1 % 41-142

Surrogate: 1-Chlorooctadecane 82.3 % 37.6-147

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	06/24/2019	Sampling Date:	06/21/2019
Reported:	06/25/2019	Sampling Type:	Soil
Project Name:	GOVERNMENT AB FEDERAL #11	Sampling Condition:	** (See Notes)
Project Number:	(10/23/18)	Sample Received By:	Tamara Oldaker
Project Location:	EDDY COUNTY, NM		

Sample ID: BOTTOM 3 (H902152-03)

BTEX 8021B		mg/kg		Analyzed By: BF						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2019	ND	1.80	89.9	2.00	4.73		
Toluene*	<0.050	0.050	06/24/2019	ND	1.77	88.4	2.00	5.47		
Ethylbenzene*	<0.050	0.050	06/24/2019	ND	1.68	84.2	2.00	6.10		
Total Xylenes*	<0.150	0.150	06/24/2019	ND	5.14	85.7	6.00	6.13		
Total BTEX	<0.300	0.300	06/24/2019	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 73.3-129

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/24/2019	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	06/24/2019	ND	199	99.5	200	6.66		
DRO >C10-C28*	<10.0	10.0	06/24/2019	ND	212	106	200	2.30		
EXT DRO >C28-C36	<10.0	10.0	06/24/2019	ND						

Surrogate: 1-Chlorooctane 79.8 % 41-142

Surrogate: 1-Chlorooctadecane 84.2 % 37.6-147

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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





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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: **BBC International, Inc.**
 Project Manager: **Cliff Brunson**
 Address: **P. O. Box 805**
 City: **Hobbs** State: **NM** Zip: **88241**
 Phone #: **575-397-6388** Fax #: **575-397-0397**
 Project #: _____ Project Owner: **OKY**
 Project Name: **Government AB Federal 11 (10/23/8)**
 Project Location: **Edgley County, NM**
 Sampler Name: **Roger Hernandez**

P.O. #: _____
 Company: **OKY**
 Attn: **DHARRID**
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H902152	Bottom 1		1			V				6-21-19	100	BTEX
	Bottom 2		1			V				6-21-19	110	CI
	Bottom 3		1			V				6-21-19	120	TPHEXT
<i>Handwritten note: All samples are for BTEX, CI, TPHEXT</i>												

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Relinquished By: _____ Date: **6-21-19** Received By: _____
 Relinquished By: _____ Date: **6-24-19** Received By: _____
 Delivered By: (Circle One) _____
 Sampler - UPS - Bus - Other: **11.5°C #97**

Sample Condition: Cool Intact Yes No Yes No
 CHECKED BY: _____ (Initials) **TC**

REMARKS: **PUSH 1/11**

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

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Incident ID	
District RP	2RP-5059
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature:  Date: 6-27-18
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____