

Closure Report

Site Description

Site Name:	Red Tank 28 Federal #4
Company:	Oxy USA Inc.
Legal Description:	U/L O, Section 28, T22S, R32E
County:	Lea County, NM
GPS Coordinates:	N 32.35651° W-103.67895°

Release Data

Date of Release:	03/15/2017
Type of Release:	Oil and produced water
Source of Release:	Faulty casing valve
Volume of Release:	1 bbl oil, 4 bbls produced water
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	Excavated the areas around SP1, SP2, and SP3 to a depth of 2 feet. No excavation was required around the areas of SP4 and SP5. Sidewall confirmation samples were taken to verify successful remediation.	
Remediation Activities:	09/27/2018 to 10/08/2018	
Plan Sent to OCD:	07/18/2017	Email from Cliff Brunson to Olivia Yu
OCD Approval of Plan:	08/02/2017	Email from Olivia Yu to Cliff Brunson
Plan Sent to BLM:	07/18/2017	Email from Cliff Brunson to Shelly Tucker
BLM Approval of Plan:	12/27/2017	Email from Shelly Tucker to Cliff Brunson

Supporting Documentation

Initial C-141	Signed 03/27/2017
Final C-141	Signed 10/11/2018
Site Diagram	March 2017
Pictures	Initial visit-March 2017; Remediation September/October 2018

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.

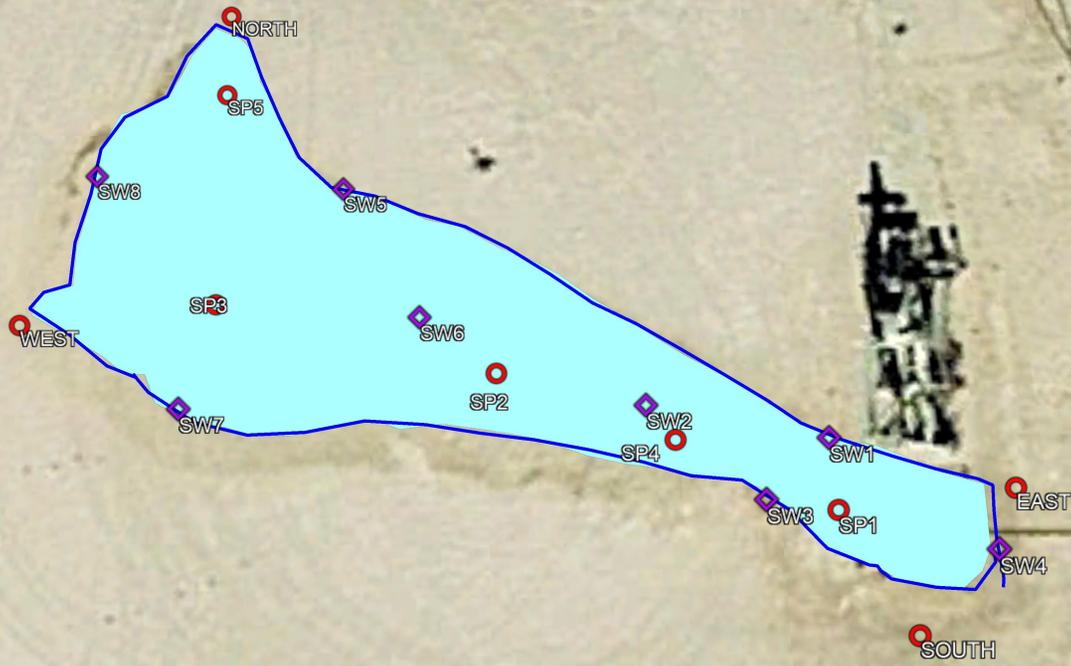
10/11/2018

Oxy, Red Tank 28 Federal #4

Leak date: 3/15/17
Lea County, NM
AP# 30-025-36009
1RP-4658

Legend

-  1 ft Excavation across entire leak area
-  Confirmation sample points
-  Sample points
-  Leak Area



Oxy, Red Tank 28 Federal #4

Sample points, hand auger

SP1, N 32.35628 W-103.67864

SP2, N 32.35634 W-103.67879

SP3, N 32.35637 W-103.67892

SP4, N 32.35631 W-103.67871

SP5, N 32.35647 W-103.67892

NORTH, N 32.35651 W-103.67892

SOUTH, N 32.35623 W-103.67861

EAST, N 32.35628 W-103.67856

WEST, N 32.35636 W-103.67901

Confirmation sample points

SW1, N 32.325630 W-103.67864

SW2, N 32.35632 W-103.67872

SW3, N 32.35628 W-103.67867

SW4, N 32.35626 W-103.67857

SW5, N 32.35642 W-103.67886

SW6, N 32.35636 W-103.67882

SW7, N 32.35632 W-103.37893

SW8, N 32.35642 W-103.67898

Laboratory Analytical Results Summary
 Red Tank 28 Federal #4

		Sample ID	Sidewall 1
Analyte	Method	Date	10/4/18
			mg/kg
Chloride	SM4500Cl-B		48

		Sample ID	Sidewall 2
Analyte	Method	Date	10/4/18
			mg/kg
Chloride	SM4500Cl-B		32

		Sample ID	Sidewall 3
Analyte	Method	Date	10/4/18
			mg/kg
Chloride	SM4500Cl-B		48

		Sample ID	Sidewall 4
Analyte	Method	Date	10/4/18
			mg/kg
Chloride	SM4500Cl-B		32

		Sample ID	Sidewall 5
Analyte	Method	Date	10/4/18
			mg/kg
Chloride	SM4500Cl-B		48

		Sample ID	Sidewall 6
Analyte	Method	Date	10/4/18
			mg/kg
Chloride	SM4500Cl-B		48

		Sample ID	Sidewall 7
Analyte	Method	Date	10/4/18
			mg/kg
Chloride	SM4500Cl-B		64

		Sample ID	Sidewall 8
Analyte	Method	Date	10/4/18
			mg/kg
Chloride	SM4500Cl-B		48

October 10, 2018

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: RED TANK 28

Enclosed are the results of analyses for samples received by the laboratory on 10/05/18 15:40.

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,



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:	10/05/2018	Sampling Date:	10/04/2018
Reported:	10/10/2018	Sampling Type:	Soil
Project Name:	RED TANK 28	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SIDEWALL 1 (H802846-01)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/10/2018	ND	448	112	400	3.51	

Sample ID: SIDEWALL 2 (H802846-02)

Chloride, SM4500CI-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	10/10/2018	ND	448	112	400	3.51	

Sample ID: SIDEWALL 3 (H802846-03)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/10/2018	ND	448	112	400	3.51	

Sample ID: SIDEWALL 4 (H802846-04)

Chloride, SM4500CI-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	10/10/2018	ND	448	112	400	3.51	

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:	10/05/2018	Sampling Date:	10/04/2018
Reported:	10/10/2018	Sampling Type:	Soil
Project Name:	RED TANK 28	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	C-29		

Sample ID: SIDEWALL 5 (H802846-05)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/10/2018	ND	448	112	400	3.51	

Sample ID: SIDEWALL 6 (H802846-06)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/10/2018	ND	448	112	400	3.51	

Sample ID: SIDEWALL 7 (H802846-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/10/2018	ND	448	112	400	3.51	

Sample ID: SIDEWALL 8 (H802846-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/10/2018	ND	448	112	400	3.51	

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



Celey D. Keene, Lab Director/Quality Manager









Incident ID	
District RP	1RP-4658
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 Specialist
 Signature:  Date: 10-21-18
 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: Bradford Billings Date: 10/28/2019
 Printed Name: As Above Title: E. Spec. A