



APPROVED by NMOCD
Remediation Plan
By Kristen Lynch at 11:27 am, Sep 27, 2016

PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

Oxy – Learcy McBuffington TB (07/22/2016)

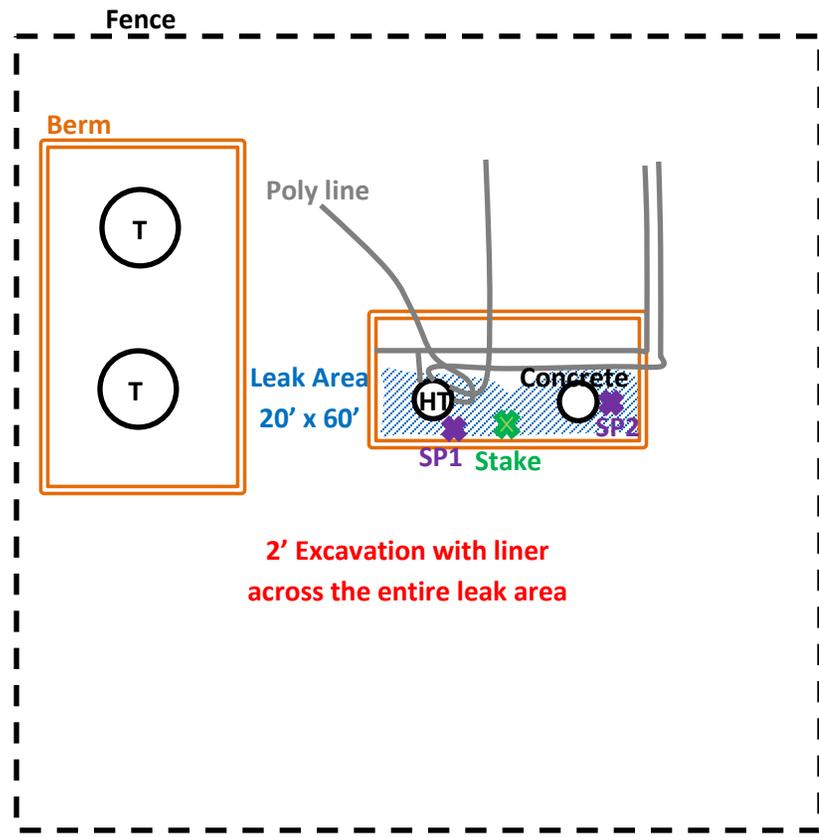
REMEDIATION PLAN, RP # 1RP-4382

Oxy will excavate the spill area as depicted on the following site diagram. The entire leak area will be excavated to a depth of 2 feet. Then, a liner will be placed in the excavated area. The entire site will then be backfilled with clean soil.

All excavated materials will be disposed of at an NMOCD-approved disposal facility.



Oxy
Learcy McBuffington TB (7/22/16)



U/L N, Section 13, T25S, R37E
Lea County, NM
N 32.12481° W 103.11970°
API# 30-025-11569

BBC International, Inc.	
Oxy Learcy McBuffington TB	
Date: 07/28/2016	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2016

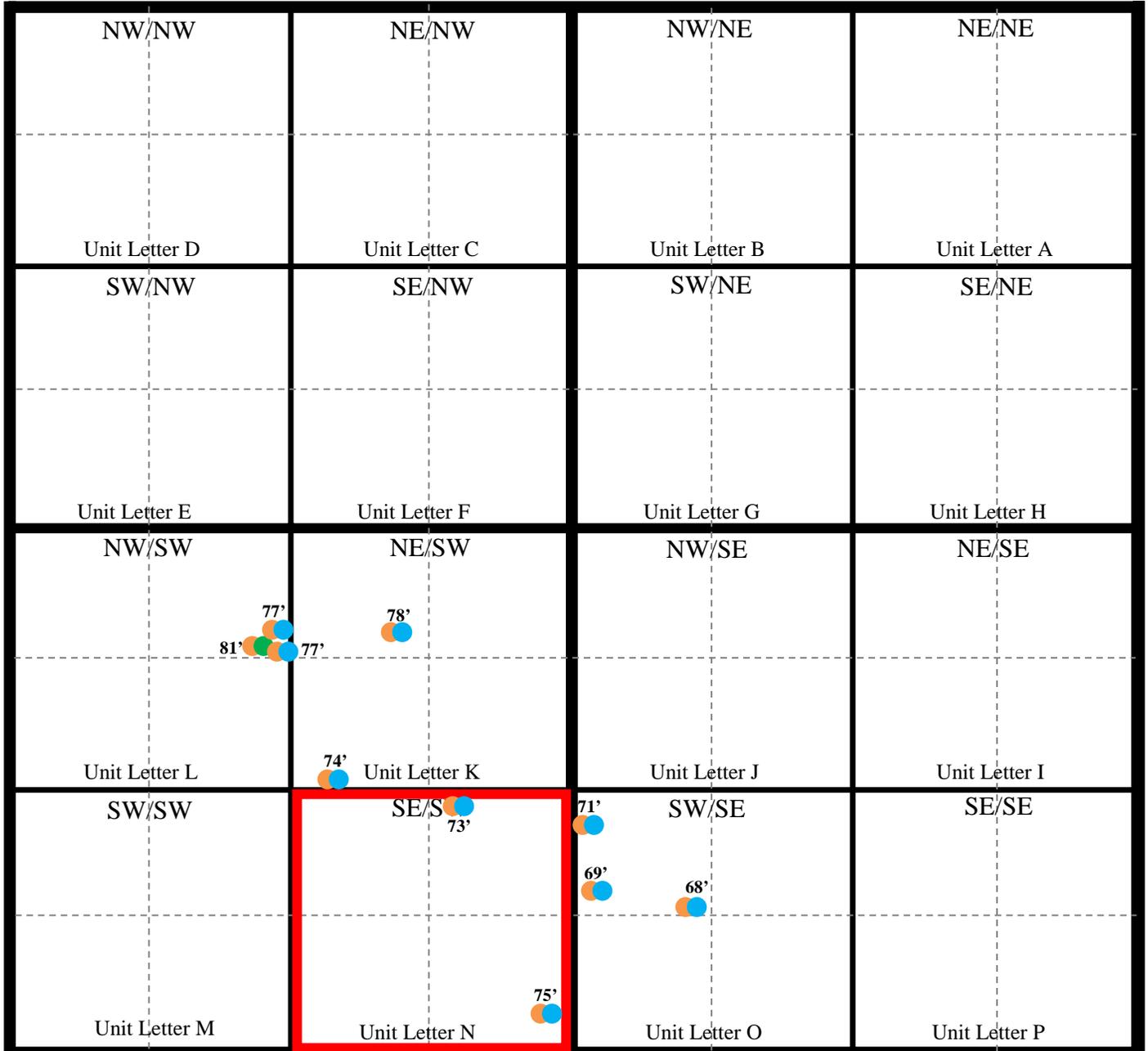
Oxy Learcy McBuffington TB

County: Lea Unit Letter: N Section: 13 Township: 25S Range: 37E

Trend Map 75'

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**Laboratory Analytical Results Summary
Learcy McBuffington Tank Battery**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'	SP1 @ 6'
Analyte	Method	Date	7/27/16	7/27/16	7/28/16	7/28/16	7/28/16	7/28/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		848	640	1070	704	1280	288

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'	SP2 @ 5'	SP2 @ 6'
Analyte	Method	Date	7/27/16	7/27/16	7/28/16	7/28/16	7/28/16	7/28/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Chloride	SM4500Cl-B		912	592	1090	720	1230	192



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

August 02, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: LEARCY MCBUFFINGTON TB

Enclosed are the results of analyses for samples received by the laboratory on 07/29/16 9:05.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. 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 "Hope S. Moreno".

Hope S. Moreno For 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:	07/29/2016	Sampling Date:	07/27/2016
Reported:	08/02/2016	Sampling Type:	Soil
Project Name:	LEARCY MCBUFFINGTON TB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 1' (H601694-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	848	16.0	08/01/2016	ND	416	104	400	0.00	

Sample ID: SP 1 @ 2' (H601694-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	08/01/2016	ND	416	104	400	0.00	

Sample ID: SP 1 @ 3' (H601694-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1070	16.0	08/01/2016	ND	416	104	400	0.00	

Sample ID: SP 1 @ 4' (H601694-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	08/01/2016	ND	400	100	400	0.00	

Cardinal Laboratories

*=Accredited Analyte

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Hope S. Moreno For 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:	07/29/2016	Sampling Date:	07/27/2016
Reported:	08/02/2016	Sampling Type:	Soil
Project Name:	LEARCY MCBUFFINGTON TB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 5' (H601694-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1280	16.0	08/01/2016	ND	400	100	400	0.00	

Sample ID: SP 1 @ 6' (H601694-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	08/01/2016	ND	400	100	400	0.00	

Sample ID: SP 2 @ 1' (H601694-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	08/01/2016	ND	400	100	400	0.00	

Sample ID: SP 2 @ 2' (H601694-08)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	08/01/2016	ND	400	100	400	0.00	

Sample ID: SP 2 @ 3' (H601694-09)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	08/01/2016	ND	400	100	400	0.00	

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Hope S. Moreno For 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:	07/29/2016	Sampling Date:	07/28/2016
Reported:	08/02/2016	Sampling Type:	Soil
Project Name:	LEARCY MCBUFFINGTON TB	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 4' (H601694-10)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	720	16.0	08/01/2016	ND	400	100	400	0.00	

Sample ID: SP 2 @ 5' (H601694-11)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1230	16.0	08/01/2016	ND	400	100	400	0.00	

Sample ID: SP 2 @ 6' (H601694-12)

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	08/01/2016	ND	400	100	400	0.00	

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Hope S. Moreno For 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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Hope S. Moreno

Hope S. Moreno For 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

182

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:	
Project Manager: Cliff Brunson		Company:	OKY
Address: P.O. Box 805		Attn:	
City: Hobbs		State: NM	Zip: 88241
Phone #: 575-397-6388		Fax #: 575-397-0397	
Project #:		Project Owner:	OKY
Project Name: LEFROY McBRIDGTON TB		City:	
Project Location:		State:	Zip:
Sampler Name: Roger Hernandez		Phone #:	
FOR LAB USE ONLY		Fax #:	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS
H601694	SP1011		
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Relinquished By: Roger Hernandez
 Date: 7-28-16
 Time: 5:00
 Received By: [Signature]
 Date: 7-29-16
 Time: 4:05
 Sample Condition: Cool Intact
 Yes No

Delivered By: (Circle One) UPS - Bus - Other: -4:42
 CHECKED BY: [Signature]
 Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #:
 Add'l Fax #:
 REMARKS:
 Chloride

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #75

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

Form C-141
Revised August 8, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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 Ltd.	Contact	Casey Summers
Address	6 Desta Drive, Midland, TX 79705	Telephone No.	(575) 513-8289
Facility Name	Learcy McBuffington TB	Facility Type	Tank Battery
Surface Owner	State	Mineral Owner	API No. 30-025-11569

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
N	13	25S	37E					Lea County, NM

Latitude N 32.12481° Longitude W 103.11970°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	12 bbls	Volume Recovered	2 bbls
Source of Release	Compromised 2" steel water dump valve on the heater treater	Date and Hour of Occurrence	07/22/2016	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Jamie Keyes- NMOCD		
By Whom?	Kathy Purvis, BBC International	Date and Hour	07/22/2016 @ 3:43 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*
A compromised 2" steel water dump valve on the heater treater caused a spill of 12 bbls of produced water. A vacuum truck recovered 2 bbls of produced water and the dump valve was repaired.

Describe Area Affected and Cleanup Action Taken.*
The affected area is approximately 20' x 60' on location inside the berm. Remediation will be completed in accordance with a remediation 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:	OIL CONSERVATION DIVISION		
Printed Name: Casey Summers	Approved by Environmental Specialist:		
Title: NM Environmental Advisor	Approval Date:	Expiration Date:	
E-mail Address: Casey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 7-28-16	Phone: (575) 513-8289		

* Attach Additional Sheets If Necessary