



DELINEATION WORKPLAN

OXY – GOVERNMENT T COM #001 S OIL TANK (Leak Date: 12/18/16)

**RP # 2RP-4057
API # 30-015-20958**

This delineation workplan and remediation proposal addresses the release associated with RP # 2RP-4057.

The following information includes:

1. Scaled digital site map with spill area demarcated and leak point identified along with sample point locations and areas of remediation at appropriate depths.
2. GPS information for sample points and sample methodology
3. Depth to groundwater information (i.e., pdf of OSE search results and/or copy of Chevron groundwater trend map).
4. Laboratory analysis results summary table and original laboratory analysis reports
5. A copy of the initial C-141
6. Potentially other pertinent information as necessary for site specific purposes.

Based on the information included in this package and the NMOCD guidelines, the following remediation is proposed:

OXY will excavate the spill area as depicted on the following site diagram. The entire leak area will be excavated to a depth of 1 to 2 feet or as practicable due to safety issues associated with multiple buried lines.





The entire site will then be backfilled with clean soil and revegetated (if warranted) to the standards of the appropriate regulatory agency or private surface owner.

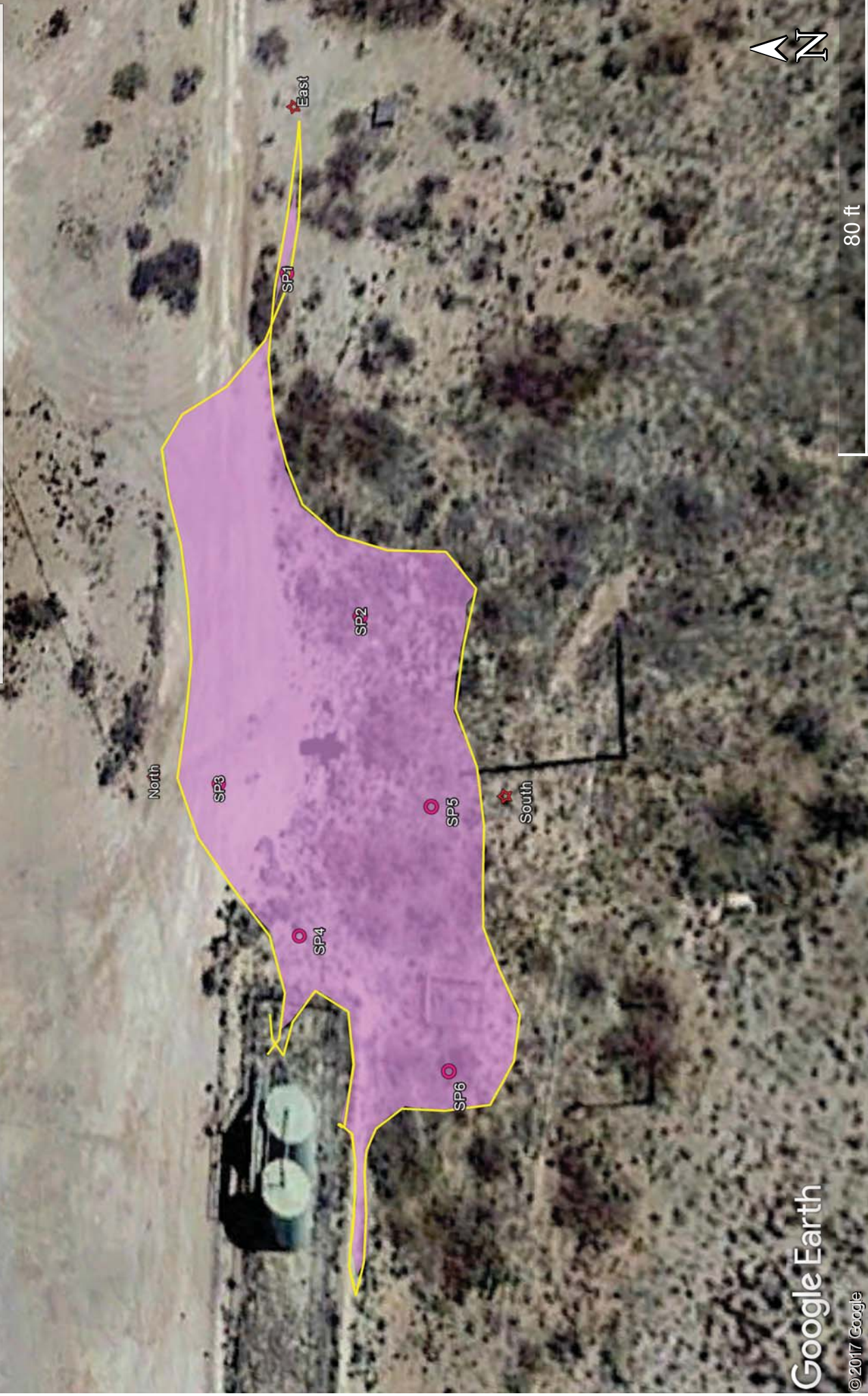
All excavated materials will be disposed of at an NMOCD-approved disposal facility.

Oxy, Government T Com #001 S Oil Tank

Leak date: 12/18/2016
Eddy County, NM
API# 30-015-20958
2RP-4057

Legend

-  1'-2' Excavation or as practicable due to buried lines & safety issues
-  Cardinal sample points, hand auger
-  Leak Area
-  Sample points, hand auger



Oxy, Government T Com #001 South Oil Tank

Sample points, hand auger

SP1, N 32.57838 W-103.14964

SP2, N 32.57833 W-103.14987

SP3, N 32.57843 W-103.14998

SP4, N 32.57837 W-103.15008

SP5, N 32.57829 W-103.14999

SP6, N 32.57828 W-103.15016

NORTH, N 32.57847 W-103.14998

SOUTH, N 32.57825 W-103.14999

EAST, N 32.57838 W-103.14952

WEST, N 32.57838 W-103.15043



New Mexico Office of the State Engineer

Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.)

(R=POD has been replaced,
O=orphaned,
C=the file is closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

(In feet)

POD Number	Code	POD Sub-basin	County	Q 64	Q 16	Q 4	Sec	Tws	Rng	X	Y	Distance	DepthWell	DepthWater	Water Column
CP.00525		CP	ED	3	2	1	14	20S	28E	579656	3604847*	<input type="text"/>	142	171	140 31

Average Depth to Water: **140 feet**

Minimum Depth: **140 feet**

Maximum Depth: **140 feet**

Record Count: 1

UTMNAD83 Radius Search (in meters):

Easting (X): 579757

Northing (Y): 3604948

Radius: 1700

*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

9/11/17 12:49 PM

WATER COLUMN/ AVERAGE DEPTH TO WATER

Public Land Survey System (PLSS)

Q64:

Q16:

NE

Q4:

NW

Sec:

14

Tws:

20S

Rng:

28E

State Plane Coordinate System - NAD27

X:

0

ft

Y:

0

ft

Zone:

State Plane Coordinate System - NAD83

X:

0

ft

Y:

0

ft

Zone:

Degrees/Minutes/Seconds

Longitude (X):

Degrees:

0

°

Minutes:

0

'

Seconds:

0

"

Latitude (Y):

Degrees:

0

°

Minutes:

0

'

Seconds:

0

"

UTM - NAD27

Easting (X):

0

mtrs

Northing (Y):

0

mtrs

Zone:

SUBMIT

All Conversion Results are displayed as NAD 1983 UTM Zone 13

Easting (X):

579757.0

mtrs

Northing (Y):

3604948.0

mtrs

~~ Please keep screen open to copy UTM values for Reports. ~~

Laboratory Analytical Results Summary
Government T Com #001

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	1/20/17	1/20/17	1/20/17
Chloride	SM4500Cl-B		352	224	384

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 4'	SP2 @ 5'
Analyte	Method	Date	1/20/17	1/20/17	1/20/17	1/20/17
Benzene	BTEX 8021B		mg/Kg	mg/Kg	mg/Kg	mg/Kg
			<0.050	n/a	n/a	n/a
Toluene	BTEX 8021B		<0.050	n/a	n/a	n/a
Ethylbenzene	BTEX 8021B		<0.050	n/a	n/a	n/a
Total Xylenes	BTEX 8021B		<0.150	n/a	n/a	n/a
Total BTX	BTEX 8021B		<0.300	n/a	n/a	n/a
Chloride	SM4500Cl-B		624	1220	416	400
GRO	TPH 8015M		<10.0	n/a	n/a	n/a
DRO	TPH 8015M		<10.0	n/a	n/a	n/a

		Sample	SP3 @ 1'	SP3 @ 2'
Analyte	Method	Date	1/20/17	1/20/17
Chloride	SM4500Cl-B		224	400

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 4'	SP4 @ 5'
Analyte	Method	Date	1/20/17	1/20/17	1/20/17	1/20/17
Chloride	SM4500Cl-B		560	560	384	368

		Sample	SP5 @ SURFACE	SP5 @ 1'	SP5 @ 2'
Analyte	Method	Date	1/20/17	1/20/17	1/20/17
Chloride	SM4500Cl-B		32	496	224

		Sample	SP6 @ SURFACE	SP6 @ 1'	SP6 @ 2'
Analyte	Method	Date	1/20/17	1/20/17	1/20/17
Benzene	BTEX 8021B		mg/Kg	mg/Kg	mg/Kg
			n/a	<0.050	n/a
Toluene	BTEX 8021B		n/a	<0.050	n/a
Ethylbenzene	BTEX 8021B		n/a	<0.050	n/a
Total Xylenes	BTEX 8021B		n/a	<0.150	n/a
Total BTX	BTEX 8021B		n/a	<0.300	n/a
Chloride	SM4500Cl-B		32	400	240
GRO	TPH 8015M		n/a	<10.0	n/a
DRO	TPH 8015M		n/a	<10.0	n/a

		Sample	NORTH SAMPLE @ SURFACE		
Analyte	Method	Date	1/20/17		
Chloride	SM4500Cl-B		<16.0		

		Sample	EAST SAMPLE @ SURFACE		
Analyte	Method	Date	1/20/17		
Chloride	SM4500Cl-B		<16.0		

		Sample	SOUTH SAMPLE @ SURFACE		
Analyte	Method	Date	1/20/17		
Chloride	SM4500Cl-B		<16.0		

		Sample	WEST SAMPLE @ SURFACE		
Analyte	Method	Date	1/20/17		
Chloride	SM4500Cl-B		<16.0		

January 30, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: GOVERNMENT T COM #001

Enclosed are the results of analyses for samples received by the laboratory on 01/23/17 16:50.

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,



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:	01/23/2017	Sampling Date:	01/20/2017
Reported:	01/30/2017	Sampling Type:	Soil
Project Name:	GOVERNMENT T COM #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 1 @ SURFACE (H700155-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	352	16.0	01/26/2017	ND	416	104	400	0.00	

Sample ID: SP 1 @ 1' (H700155-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	01/26/2017	ND	416	104	400	0.00	

Sample ID: SP 1 @ 2' (H700155-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/26/2017	ND	416	104	400	0.00	

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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: (575) 397-0397

Received:	01/23/2017	Sampling Date:	01/20/2017
Reported:	01/30/2017	Sampling Type:	Soil
Project Name:	GOVERNMENT T COM #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 2 @ 1' (H700155-04)

BTX 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	01/27/2017	ND	2.13	107	2.00	0.189	
Toluene*	<0.050	0.050	01/27/2017	ND	2.11	106	2.00	0.288	
Ethylbenzene*	<0.050	0.050	01/27/2017	ND	2.16	108	2.00	0.00954	
Total Xylenes*	<0.150	0.150	01/27/2017	ND	6.14	102	6.00	0.0936	
Total BTX	<0.300	0.300	01/27/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	624	16.0	01/27/2017	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/25/2017	ND	178	89.1	200	10.2	
DRO >C10-C28	<10.0	10.0	01/25/2017	ND	188	93.9	200	2.21	

Surrogate: 1-Chlorooctane 68.5 % 35-147

Surrogate: 1-Chlorooctadecane 74.2 % 28-171

Sample ID: SP 2 @ 2' (H700155-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1220	16.0	01/27/2017	ND	416	104	400	0.00	

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Received:	01/23/2017	Sampling Date:	01/20/2017
Reported:	01/30/2017	Sampling Type:	Soil
Project Name:	GOVERNMENT T COM #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 2 @ 4' (H700155-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	01/27/2017	ND	416	104	400	0.00		

Sample ID: SP 2 @ 5' (H700155-07)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/27/2017	ND	416	104	400	0.00	

Sample ID: SP 3 @ 1' (H700155-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	01/27/2017	ND	416	104	400	0.00		

Sample ID: SP 3 @ 2' (H700155-09)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	400	16.0	01/27/2017	ND	416	104	400	0.00	

Sample ID: SP 4 @ 1' (H700155-10)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	01/27/2017	ND	416	104	400	0.00	

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Received:	01/23/2017	Sampling Date:	01/20/2017
Reported:	01/30/2017	Sampling Type:	Soil
Project Name:	GOVERNMENT T COM #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 4 @ 2' (H700155-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	560	16.0	01/27/2017	ND	416	104	400	0.00		

Sample ID: SP 4 @ 4' (H700155-12)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	01/27/2017	ND	416	104	400	0.00	

Sample ID: SP 4 @ 5' (H700155-13)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	368	16.0	01/27/2017	ND	416	104	400	0.00		

Sample ID: SP 5 @ SURFACE (H700155-14)

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/27/2017	ND	416	104	400	0.00		

Sample ID: SP 5 @ 1' (H700155-15)

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	01/27/2017	ND	416	104	400	0.00	

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Received:	01/23/2017	Sampling Date:	01/20/2017
Reported:	01/30/2017	Sampling Type:	Soil
Project Name:	GOVERNMENT T COM #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 5 @ 2' (H700155-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	224	16.0	01/27/2017	ND	416	104	400	0.00		

Sample ID: SP 6 @ SURFACE (H700155-17)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/27/2017	ND	416	104	400	0.00	

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Received:	01/23/2017	Sampling Date:	01/20/2017
Reported:	01/30/2017	Sampling Type:	Soil
Project Name:	GOVERNMENT T COM #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY COUNTY, NM		

Sample ID: SP 6 @ 1' (H700155-18)

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	01/27/2017	ND	2.13	107	2.00	0.189	
Toluene*	<0.050	0.050	01/27/2017	ND	2.11	106	2.00	0.288	
Ethylbenzene*	<0.050	0.050	01/27/2017	ND	2.16	108	2.00	0.00954	
Total Xylenes*	<0.150	0.150	01/27/2017	ND	6.14	102	6.00	0.0936	
Total BTEx	<0.300	0.300	01/27/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	01/27/2017	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/25/2017	ND	178	89.1	200	10.2	
DRO >C10-C28	<10.0	10.0	01/25/2017	ND	188	93.9	200	2.21	

Surrogate: 1-Chlorooctane 61.9 % 35-147

Surrogate: 1-Chlorooctadecane 62.4 % 28-171

Sample ID: SP 6 @ 2' (H700155-19)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	240	16.0	01/27/2017	ND	416	104	400	0.00	

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Received:	01/23/2017	Sampling Date:	01/20/2017
Reported:	01/30/2017	Sampling Type:	Soil
Project Name:	GOVERNMENT T COM #001	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Celey D. Keene
Project Location:	EDDY COUNTY, NM		

Sample ID: NORTH SAMPLE @ SURFACE (H700155-20)

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	01/27/2017	ND	416	104	400	0.00		

Sample ID: EAST SAMPLE @ SURFACE (H700155-21)

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	01/27/2017	ND	416	104	400	0.00		

Sample ID: SOUTH SAMPLE @ SURFACE (H700155-22)

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	01/27/2017	ND	416	104	400	0.00		

Sample ID: WEST SAMPLE @ SURFACE (H700155-23)

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	01/27/2017	ND	416	104	400	0.00		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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



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: *OK*

Project Name: GOVERNMENT T COM #001

Project Location: EDDY COUNTY, NM

Sampler Name: ROGER HERNANDEZ

P.O. #:

Company: *OK*

Attn: *OSCAR SUMMERS*

Address:

City:

State:

Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H700155-

01 SP1 @ SURFACE

02 SP1 @ 1'

03 SP1 @ 2'

04 SP2 @ 1'

05 SP2 @ 2'

06 SP2 @ 4'

07 SP2 @ 5'

08 SP3 @ 1'

09 SP3 @ 2'

10 SP4 @ 1'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

11/20/17

9:50 AM

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

TPH

BTEX

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

✓

Relinquished By:

Logan

Date: *11/20/17*

Time: *5:00pm*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Relinquished By:

Logan

Date: *11/20/17*

Time: *5:00pm*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Relinquished By:

Logan

Date: *11/20/17*

Time: *5:00pm*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Relinquished By:

Logan

Date: *11/20/17*

Time: *5:00pm*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Delivered By: (Circle One)

UPS

Date: *11/20/17*

Time: *5:40*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Delivered By: (Circle One)

UPS

Date: *11/20/17*

Time: *5:40*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Delivered By: (Circle One)

UPS

Date: *11/20/17*

Time: *5:40*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

Date: *11/23/17*

Time: *4:50*

Received By:

Logan

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

ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3043

Company Name:		P.O. #:		BILL TO												ANALYSIS REQUEST											
Project Manager:		Company:																									
Address:		Attn:																									
City:		Address:																									
Phone #:		State:																									
Fax #:		City:																									
Project #:		State:																									
Project Name:		Zip:																									
Project Location:		Phone #:																									
Sampler Name:		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													
H0055-	21 East Sample @ Surface	G-1	✓			✓							11/20/17	1:15pm	Chloride												
	22 South Sample @ Surface	G-1	✓			✓								11:23pm													
	23 West Sample @ Surface	G-1	✓			✓								1:35pm													

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Relinquished By:	Date:	Received By:	Phone Result:	Yes	No	Add'l Phone #:
	Time:		Fax Result:	Yes	No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:			
	Time:					
Delivered By: (Circle One)	Date:	Received By:				
Sampler - UPS - Bus - Other:	Time:					

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

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

Form C-141
Revised August 8, 2011

Submit 1 Copy to appropriate District Office in
accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Casey Summers
Address	PO Box 4294; Houston, TX 77210	Telephone No.	(575) 513-8289
Facility Name	Government T Com #001 South Oil Tank	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-20958

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	14	20S	28E					Eddy County, NM

Latitude N 32.57840° Longitude W 104.15014°

NATURE OF RELEASE

Type of Release	Produced water	Volume of Release	100 bbls	Volume Recovered	60 bbls
Source of Release	Failure of gasket on manway cover	Date and Hour of Occurrence	12/18/2016	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?	Mike Bratcher, Crystal Weaver- NMOCD; Shelly Tucker- BLM		
By Whom?	Kathy@ BBC International, Inc.	Date and Hour	12/20/2016 @ 8:55 am		
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.*

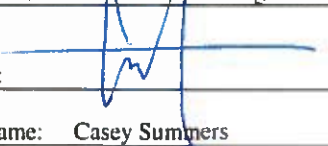
Describe Cause of Problem and Remedial Action Taken.*

Failure of a gasket on the manway cover caused a release of 100 bbls of produced water. A vacuum truck recovered 60 bbls and the gasket was returned to service.

Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 250' x 75' on location and across the road. Remediation will be completed in accordance with a plan approved by both NMOCD and the BLM.

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:	
Date: 12-29-16 Phone: (575) 513-8289		Attached <input type="checkbox"/>	

* Attach Additional Sheets If Necessary