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E-MAIL: cbrunson@bbcinternational.com

Oxy – State A&B Battery (12/19/2016)

REMEDIATION PLAN, RP # 1RP-4550

Oxy will excavate the spill area as depicted on the following site diagram. The entire leak area will be excavated to a depth of 3.5 feet. The entire site will then be backfilled with clean soil.

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

APPROVED

By Olivia Yu at 3:58 pm, Mar 01, 2017

Conditions of approval for 1RP-4550 delineation plan:

1. Additional vertical delineation at SP1 and SP2 will be conducted.
2. The release area will be excavated to a depth of 4 ft. bgs.



Oxy
State A&B Battery (12/19/16)

Fence

Firewall

Firewall

Pump

Tanks

Leak Area
32' x 25'

3.5' Excavation across entire leak area

SP2

SP1

Pad

Pump

Gate

NE ¼ , Section 32, T18S, R38E

Lea County, NM

N 32.70562° W 103.16579°

API# 30-025-23330

Gate

BBC International, Inc.

Oxy
State A&B Battery

Date: 12/30/2016

DRWG by: K. Purvis

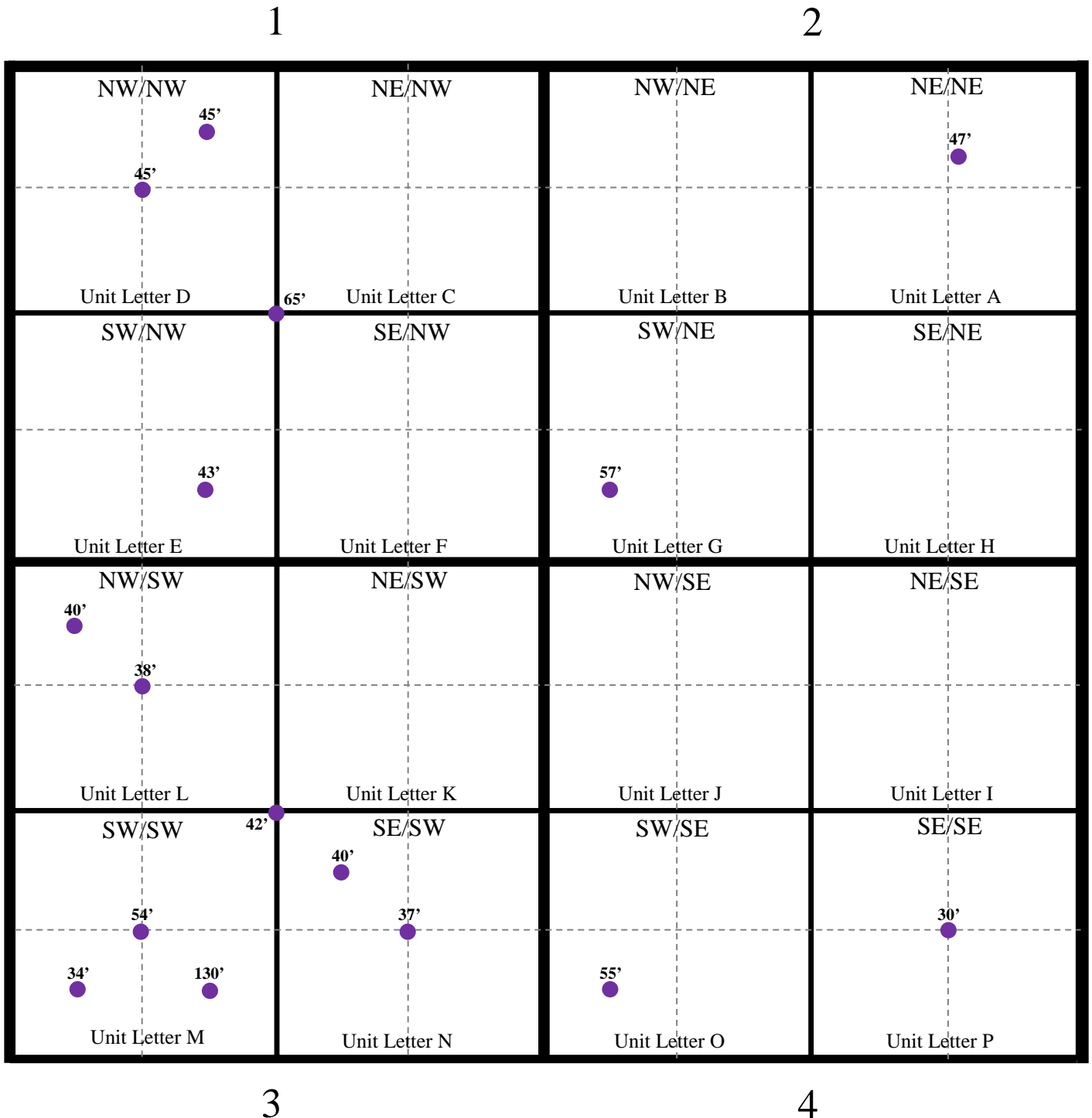
NOT TO SCALE

File: Oxy Wasson 16

Oxy State A&B Battery

County	Unit Letter	Section	Township	Range
Lea	NE ¼	32	18S	38E

Trend Map 25'-50'



**Laboratory Analytical Results Summary
State AB Battery**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'	SP1 @ 5'
Analyte	Method	Date	1/4/17	1/4/17	1/4/17	1/4/17	1/4/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.159	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		2.07	0.245	1.3	<0.050	<0.050
Ethylbenzene	BTEX 8021B		4.35	0.447	4.86	<0.050	<0.050
Total Xylenes	BTEX 8021B		10.1	5.82	15.2	<0.150	<0.150
Total BTEX	BTEX 8021B		16.7	6.51	21.3	<0.300	<0.300
Chloride	SM4500Cl-B		64	64	32	16	80
GRO	TPH 8015M		137	76.4	445	<10.0	<10.0
DRO	TPH 8015M		1030	567	3120	82.8	<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'	SP2 @ 5'
Analyte	Method	Date	1/4/17	1/4/17	1/4/17	1/4/17	1/4/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.100	0.051	<0.200	<0.050	<0.050
Toluene	BTEX 8021B		0.783	0.496	<0.200	<0.050	<0.050
Ethylbenzene	BTEX 8021B		2.6	1.39	2.03	<0.050	<0.050
Total Xylenes	BTEX 8021B		7.21	5.16	6.89	<0.150	<0.150
Total BTEX	BTEX 8021B		10.6	7.1	8.92	<0.300	<0.300
Chloride	SM4500Cl-B		80	64	32	16	80
GRO	TPH 8015M		93.4	38.9	379	<10.0	<10.0
DRO	TPH 8015M		681	340	3080	93.8	<10.0



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

January 16, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STATE A & B #1

Enclosed are the results of analyses for samples received by the laboratory on 01/09/17 13:40.

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 "Celey D. Keene". The signature is written in a cursive, flowing 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: 01/09/2017
Reported: 01/16/2017
Project Name: STATE A & B #1
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/04/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1' (H700058-01)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.159	0.100	01/11/2017	ND	2.05	103	2.00	0.200	
Toluene*	2.07	0.100	01/11/2017	ND	2.02	101	2.00	0.542	QM-07
Ethylbenzene*	4.35	0.100	01/11/2017	ND	2.05	103	2.00	0.641	QM-07
Total Xylenes*	10.1	0.300	01/11/2017	ND	5.77	96.2	6.00	0.994	QM-07
Total BTX	16.7	0.600	01/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 73.6-140

Chloride, SM4500Cl-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	01/11/2017	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	137	10.0	01/10/2017	ND	196	98.1	200	1.21	QM-07
DRO >C10-C28	1030	10.0	01/10/2017	ND	193	96.5	200	5.57	QM-07

Surrogate: 1-Chlorooctane 118 % 35-147

Surrogate: 1-Chlorooctadecane 121 % 28-171

Cardinal Laboratories

*=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: (575) 397-0397

Received:	01/09/2017	Sampling Date:	01/04/2017
Reported:	01/16/2017	Sampling Type:	Soil
Project Name:	STATE A & B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 2' (H700058-02)

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2017	ND	2.05	103	2.00	0.200	
Toluene*	0.245	0.050	01/11/2017	ND	2.02	101	2.00	0.542	
Ethylbenzene*	0.447	0.050	01/11/2017	ND	2.05	103	2.00	0.641	
Total Xylenes*	5.82	0.150	01/11/2017	ND	5.77	96.2	6.00	0.994	
Total BTEX	6.51	0.300	01/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 130 % 73.6-140

Chloride, SM4500Cl-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	01/11/2017	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	76.4	10.0	01/10/2017	ND	196	98.1	200	1.21	
DRO >C10-C28	567	10.0	01/10/2017	ND	193	96.5	200	5.57	

Surrogate: 1-Chlorooctane 115 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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Hobbs NM, 88241
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Received: 01/09/2017
Reported: 01/16/2017
Project Name: STATE A & B #1
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/04/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 3' (H700058-03)

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/11/2017	ND	2.05	103	2.00	0.200	
Toluene*	1.30	0.500	01/11/2017	ND	2.02	101	2.00	0.542	
Ethylbenzene*	4.86	0.500	01/11/2017	ND	2.05	103	2.00	0.641	
Total Xylenes*	15.2	1.50	01/11/2017	ND	5.77	96.2	6.00	0.994	
Total BTEX	21.3	3.00	01/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 73.6-140

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	01/11/2017	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	445	50.0	01/10/2017	ND	196	98.1	200	1.21	
DRO >C10-C28	3120	50.0	01/10/2017	ND	193	96.5	200	5.57	

Surrogate: 1-Chlorooctane 134 % 35-147

Surrogate: 1-Chlorooctadecane 151 % 28-171

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Received: 01/09/2017
Reported: 01/16/2017
Project Name: STATE A & B #1
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/04/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 4' (H700058-04)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2017	ND	2.05	103	2.00	0.200	
Toluene*	<0.050	0.050	01/11/2017	ND	2.02	101	2.00	0.542	
Ethylbenzene*	<0.050	0.050	01/11/2017	ND	2.05	103	2.00	0.641	
Total Xylenes*	<0.150	0.150	01/11/2017	ND	5.77	96.2	6.00	0.994	
Total BTX	<0.300	0.300	01/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/11/2017	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	01/10/2017	ND	196	98.1	200	1.21	
DRO >C10-C28	82.8	10.0	01/10/2017	ND	193	96.5	200	5.57	

Surrogate: 1-Chlorooctane 102 % 35-147

Surrogate: 1-Chlorooctadecane 116 % 28-171

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Received: 01/09/2017
Reported: 01/16/2017
Project Name: STATE A & B #1
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/04/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 5' (H700058-05)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2017	ND	2.05	103	2.00	0.200	
Toluene*	<0.050	0.050	01/11/2017	ND	2.02	101	2.00	0.542	
Ethylbenzene*	<0.050	0.050	01/11/2017	ND	2.05	103	2.00	0.641	
Total Xylenes*	<0.150	0.150	01/11/2017	ND	5.77	96.2	6.00	0.994	
Total BTX	<0.300	0.300	01/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/11/2017	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	01/10/2017	ND	196	98.1	200	1.21	
DRO >C10-C28	<10.0	10.0	01/10/2017	ND	193	96.5	200	5.57	

Surrogate: 1-Chlorooctane 89.5 % 35-147

Surrogate: 1-Chlorooctadecane 93.7 % 28-171

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

Received: 01/09/2017
Reported: 01/16/2017
Project Name: STATE A & B #1
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/04/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 1' (H700058-06)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/11/2017	ND	2.05	103	2.00	0.200	
Toluene*	0.783	0.100	01/11/2017	ND	2.02	101	2.00	0.542	
Ethylbenzene*	2.60	0.100	01/11/2017	ND	2.05	103	2.00	0.641	
Total Xylenes*	7.21	0.300	01/11/2017	ND	5.77	96.2	6.00	0.994	
Total BTX	10.6	0.600	01/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 128 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/11/2017	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	93.4	10.0	01/10/2017	ND	196	98.1	200	1.21	
DRO >C10-C28	681	10.0	01/10/2017	ND	193	96.5	200	5.57	

Surrogate: 1-Chlorooctane 103 % 35-147

Surrogate: 1-Chlorooctadecane 107 % 28-171

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P.O. Box 805
Hobbs NM, 88241
Fax To: (575) 397-0397

Received:	01/09/2017	Sampling Date:	01/04/2017
Reported:	01/16/2017	Sampling Type:	Soil
Project Name:	STATE A & B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 2' (H700058-07)

BTEx 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.051	0.050	01/11/2017	ND	2.05	103	2.00	0.200	
Toluene*	0.496	0.050	01/11/2017	ND	2.02	101	2.00	0.542	
Ethylbenzene*	1.39	0.050	01/11/2017	ND	2.05	103	2.00	0.641	
Total Xylenes*	5.16	0.150	01/11/2017	ND	5.77	96.2	6.00	0.994	
Total BTEX	7.10	0.300	01/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 139 % 73.6-140

Chloride, SM4500Cl-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	01/11/2017	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	38.9	10.0	01/10/2017	ND	196	98.1	200	1.21	
DRO >C10-C28	340	10.0	01/10/2017	ND	193	96.5	200	5.57	

Surrogate: 1-Chlorooctane 114 % 35-147

Surrogate: 1-Chlorooctadecane 122 % 28-171

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Fax To: (575) 397-0397

Received:	01/09/2017	Sampling Date:	01/04/2017
Reported:	01/16/2017	Sampling Type:	Soil
Project Name:	STATE A & B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 3' (H700058-08)

BTEx 8021B			mg/kg		Analyzed By: CK				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	01/11/2017	ND	2.05	103	2.00	0.200	
Toluene*	<0.200	0.200	01/11/2017	ND	2.02	101	2.00	0.542	
Ethylbenzene*	2.03	0.200	01/11/2017	ND	2.05	103	2.00	0.641	
Total Xylenes*	6.89	0.600	01/11/2017	ND	5.77	96.2	6.00	0.994	
Total BTEX	8.92	1.20	01/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 124 % 73.6-140

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	01/11/2017	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	379	50.0	01/10/2017	ND	196	98.1	200	1.21	
DRO >C10-C28	3080	50.0	01/10/2017	ND	193	96.5	200	5.57	

Surrogate: 1-Chlorooctane 136 % 35-147

Surrogate: 1-Chlorooctadecane 149 % 28-171

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: 01/09/2017
Reported: 01/16/2017
Project Name: STATE A & B #1
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 01/04/2017
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 4' (H700058-09)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2017	ND	2.05	103	2.00	0.200	
Toluene*	<0.050	0.050	01/11/2017	ND	2.02	101	2.00	0.542	
Ethylbenzene*	<0.050	0.050	01/11/2017	ND	2.05	103	2.00	0.641	
Total Xylenes*	<0.150	0.150	01/11/2017	ND	5.77	96.2	6.00	0.994	
Total BTX	<0.300	0.300	01/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/11/2017	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	01/10/2017	ND	196	98.1	200	1.21	
DRO >C10-C28	93.8	10.0	01/10/2017	ND	193	96.5	200	5.57	

Surrogate: 1-Chlorooctane 104 % 35-147

Surrogate: 1-Chlorooctadecane 120 % 28-171

Cardinal Laboratories

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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:	01/09/2017	Sampling Date:	01/04/2017
Reported:	01/16/2017	Sampling Type:	Soil
Project Name:	STATE A & B #1	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ 5' (H700058-10)

BTX 8021B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/11/2017	ND	2.05	103	2.00	0.200	
Toluene*	<0.050	0.050	01/11/2017	ND	2.02	101	2.00	0.542	
Ethylbenzene*	<0.050	0.050	01/11/2017	ND	2.05	103	2.00	0.641	
Total Xylenes*	<0.150	0.150	01/11/2017	ND	5.77	96.2	6.00	0.994	
Total BTX	<0.300	0.300	01/11/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 101 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/11/2017	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	01/10/2017	ND	196	98.1	200	1.21	
DRO >C10-C28	<10.0	10.0	01/10/2017	ND	193	96.5	200	5.57	

Surrogate: 1-Chlorooctane 94.6 % 35-147

Surrogate: 1-Chlorooctadecane 104 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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



CARDINAL 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.		P.O. #:									
Project Manager: Cliff Brunson		Company:									
Address: P.O. Box 805		Attn:									
City: Hobbs		State: NM Zip: 88241									
Phone #: 575-397-6388		Fax #: 575-397-0397									
Project #:		Project Owner: <i>OKY</i>									
Project Name: <i>STATE A+B #1</i>		City:									
Project Location:		State:									
Sample Name: <i>TEST DRUMS</i>		Phone #:									
FOR LAB USE ONLY		Fax #:									
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	TPH	BTEX	CL
H100058	SP101		1	GROUNDWATER			1-4-17	930			
1	SP101		1	WASTEWATER			1-4-17	950			
2	SP101		1	SOIL			1-4-17	1022			
3	SP101		1	OIL			1-4-17	1045			
4	SP101		1	SLUDGE			1-4-17	1111			
5	SP101		1	OTHER :			1-4-17	1145			
6	SP101		1	ACID/BASE:			1-4-17	100			
7	SP101		1	ICE / COOL			1-4-17	130			
8	SP101		1	OTHER :			1-4-17	150			
9	SP101		1				1-4-17	155			
10	SP101		1				1-4-17	155			

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Relinquished By: <i>[Signature]</i>	Date: <i>9-08-17</i>	Received By: <i>[Signature]</i>	Date: <i>9-08-17</i>
Relinquished By: <i>[Signature]</i>	Date: <i>9-08-17</i>	Received By: <i>[Signature]</i>	Date: <i>9-08-17</i>
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>#75 9:20</i>	Sample Condition <input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>[Signature]</i>	REMARKS:

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
141

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	Contact	Tony Aguilar
Address	1017 W. Stanolind Road	Telephone No.	(575) 397-8251
Facility Name	State A&B Battery	Facility Type	Battery
Surface Owner	State	Mineral Owner	
		API No.	30-025-23330

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
C	33	18S	38E					Lea County, NM

Latitude N 32.70557° Longitude W 103.16538°

NATURE OF RELEASE

Type of Release	Oil	Volume of Release	45 bbls	Volume Recovered	35 bbls
Source of Release	4" steel ball valve leaking on the load line	Date and Hour of Occurrence	12/19/2016	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?	Tomas Oberding, Maxey Brown- NMOCD		
By Whom?	Tony Aguilar - Oxy	Date and Hour	12/19/2016 @ 2:20 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.*

Due to a 4" steel ball valve leaking on the load line, Oxy released 45 bbls of oil on location inside the berm. A vacuum truck recovered 35 bbls of oil and the valve was returned to service.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 45' x 45' 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: Tony Aguilar	Approved by Environmental Specialist:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Raymond_aguilar@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date:	Phone: (575) 397-8251		

* Attach Additional Sheets If Necessary