



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 – State A & B Battery (08/01/2016)

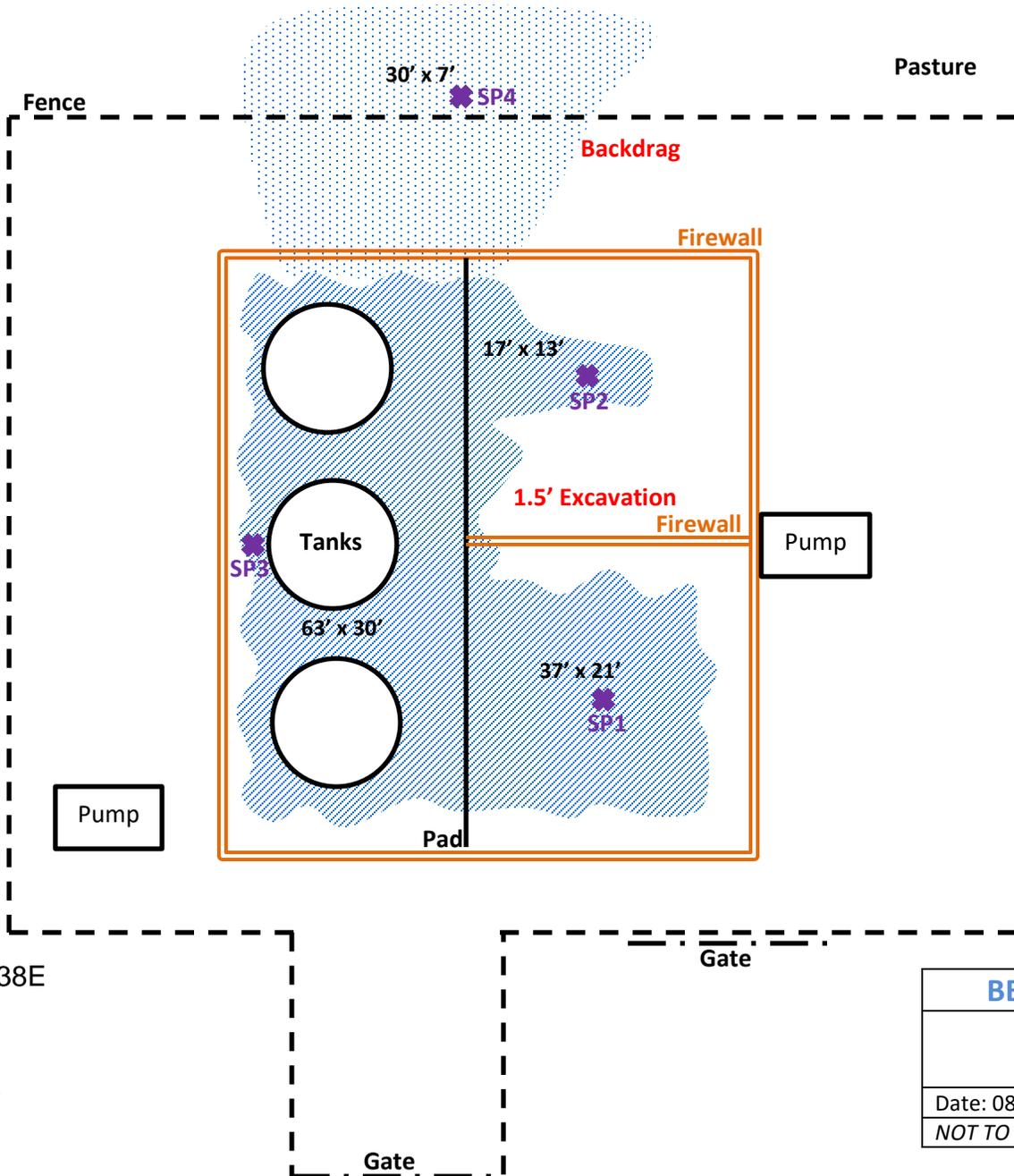
REMEDIATION PLAN, RP # 1RP-4389

Oxy will excavate the spill area as depicted on the following site diagram. The entire leak area will be excavated to a depth of 1.5 feet. Oxy will backdrag the overspray area north of the firewall. The entire site will then be backfilled with clean soil.

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



Oxy
State A&B Battery (8/1/16)



NE ¼ , Section 32, T18S, R38E

Lea County, NM

N 32.70557° W 103.16575°

API# 30-025-23330

BBC International, Inc.

**Oxy
State A&B Battery**

Date: 08/03/2016

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy Wasson 16

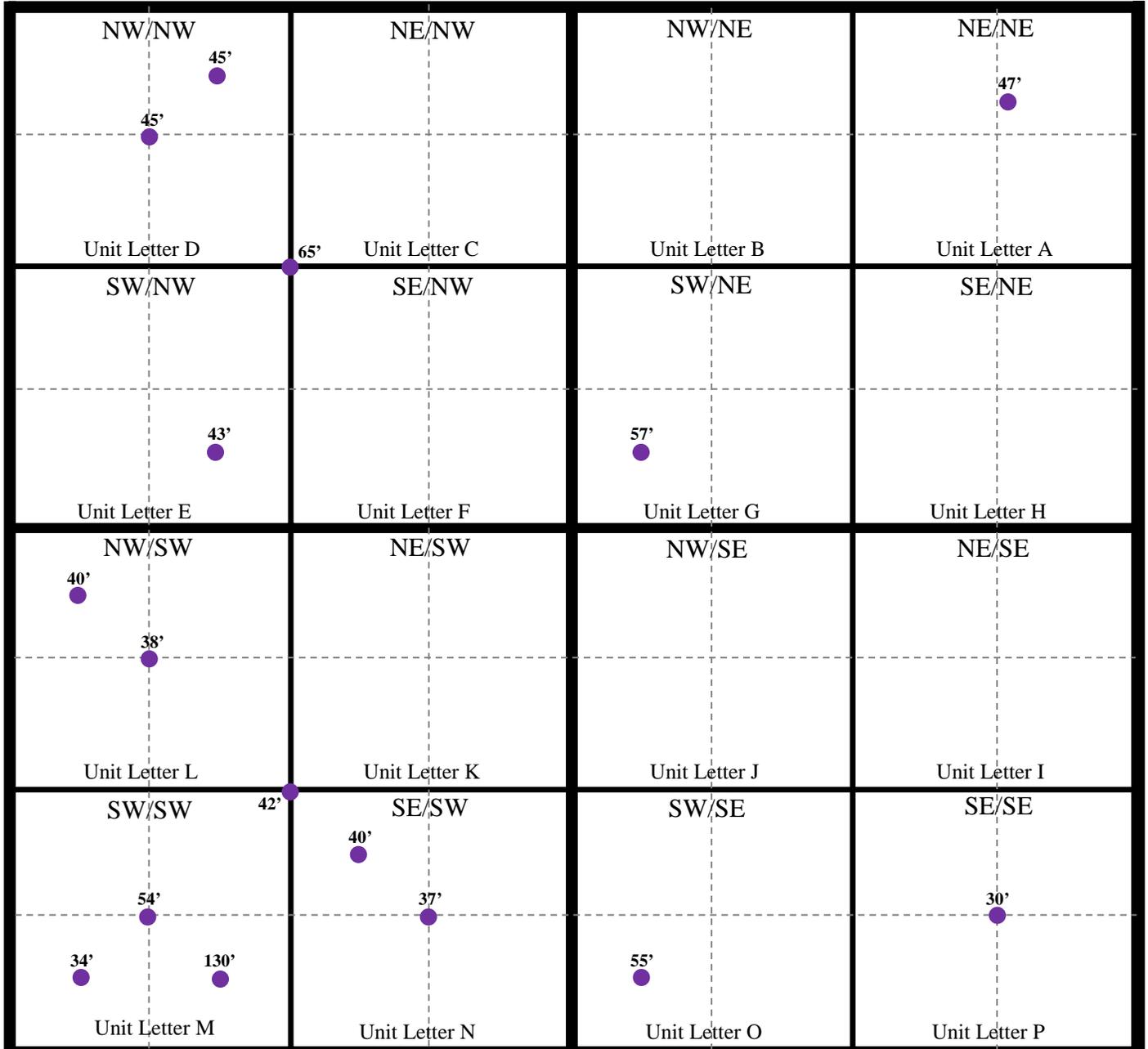
Oxy State A&B Battery

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

Trend Map 25'-50'

1

2



3

4

**Laboratory Results
State A B Battery**

		Sample	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
Analyte	Method	Date	8/8/16	8/8/16	8/8/16	8/8/16	8/8/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.500	<0.500	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		2.26	0.566	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		6.11	2.16	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		14.4	5.74	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		22.8	8.47	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	16	32	
GRO	TPH 8015M		454	262	<10.0	<10.0	<10.0
DRO	TPH 8015M		19700	3740	<10.0	11.5	14

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	8/8/16	8/8/16	8/8/16	8/8/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<1.00	<0.500	<0.050	<0.050
Toluene	BTEX 8021B		2.43	0.543	<0.050	<0.050
Ethylbenzene	BTEX 8021B		6.36	2.07	<0.050	<0.050
Total Xylenes	BTEX 8021B		15.2	6.03	<0.150	<0.150
Total BTEX	BTEX 8021B		24	8.64	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	32	32	16
GRO	TPH 8015M		549	217	<10.0	<10.0
DRO	TPH 8015M		20500	3070	<10.0	10.5

		Sample	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	8/8/16	8/8/16	8/8/16	8/8/16
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.500	<0.500	<0.050	<0.050
Toluene	BTEX 8021B		1.96	0.829	<0.050	<0.050
Ethylbenzene	BTEX 8021B		4.88	3.08	<0.050	<0.050
Total Xylenes	BTEX 8021B		11.6	8.63	<0.150	<0.150
Total BTEX	BTEX 8021B		18.4	12.5	<0.300	<0.300
Chloride	SM4500Cl-B		<16.0	32	48	48
GRO	TPH 8015M		217	295	<10.0	<10.0
DRO	TPH 8015M		3070	3160	<10.0	<10.0

		Sample	SP4 @ SURFACE	SP4 @ 1'
Analyte	Method	Date	8/8/16	8/8/16
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.108	0.061
Ethylbenzene	BTEX 8021B		0.236	0.123
Total Xylenes	BTEX 8021B		0.571	0.264
Total BTEX	BTEX 8021B		0.915	0.447
Chloride	SM4500Cl-B		32	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		102	16.8

August 16, 2016

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STATE A & B BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 08/10/16 11:15.

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:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 1 @ SURFACE (H601771-01)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	08/10/2016	ND	2.24	112	2.00	1.18	
Toluene*	2.26	0.500	08/10/2016	ND	2.30	115	2.00	1.05	
Ethylbenzene*	6.11	0.500	08/10/2016	ND	2.23	111	2.00	2.03	
Total Xylenes*	14.4	1.50	08/10/2016	ND	6.70	112	6.00	1.81	
Total BTEX	22.8	3.00	08/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/11/2016	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	454	200	08/10/2016	ND	199	99.6	200	1.94		
DRO >C10-C28	19700	200	08/10/2016	ND	201	100	200	2.77		

Surrogate: 1-Chlorooctane 138 % 35-147

Surrogate: 1-Chlorooctadecane 706 % 28-171

Cardinal Laboratories

*=Accredited Analyte

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 Hobbs NM, 88241
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Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 1 @ 1' (H601771-02)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	08/10/2016	ND	2.24	112	2.00	1.18	
Toluene*	0.566	0.500	08/10/2016	ND	2.30	115	2.00	1.05	
Ethylbenzene*	2.16	0.500	08/10/2016	ND	2.23	111	2.00	2.03	
Total Xylenes*	5.74	1.50	08/10/2016	ND	6.70	112	6.00	1.81	
Total BTEX	8.47	3.00	08/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	08/11/2016	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	262	50.0	08/10/2016	ND	199	99.6	200	1.94	
DRO >C10-C28	3740	50.0	08/10/2016	ND	201	100	200	2.77	

Surrogate: 1-Chlorooctane 128 % 35-147

Surrogate: 1-Chlorooctadecane 146 % 28-171

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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 1 @ 2' (H601771-03)

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	08/10/2016	ND	2.24	112	2.00	1.18		
Toluene*	<0.050	0.050	08/10/2016	ND	2.30	115	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/10/2016	ND	2.23	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	08/10/2016	ND	6.70	112	6.00	1.81		
Total BTEX	<0.300	0.300	08/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	08/11/2016	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	08/10/2016	ND	199	99.6	200	1.94		
DRO >C10-C28	<10.0	10.0	08/10/2016	ND	201	100	200	2.77		

Surrogate: 1-Chlorooctane 87.0 % 35-147

Surrogate: 1-Chlorooctadecane 94.5 % 28-171

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* = Accredited Analyte

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Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 1 @ 3' (H601771-04)

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	08/10/2016	ND	2.24	112	2.00	1.18		
Toluene*	<0.050	0.050	08/10/2016	ND	2.30	115	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/10/2016	ND	2.23	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	08/10/2016	ND	6.70	112	6.00	1.81		
Total BTEX	<0.300	0.300	08/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	08/11/2016	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	08/10/2016	ND	199	99.6	200	1.94		
DRO >C10-C28	11.5	10.0	08/10/2016	ND	201	100	200	2.77		

Surrogate: 1-Chlorooctane 76.5 % 35-147
Surrogate: 1-Chlorooctadecane 87.0 % 28-171

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 Fax To: (575) 397-0397

Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 1 @ 4' (H601771-05)

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	08/10/2016	ND	2.24	112	2.00	1.18		
Toluene*	<0.050	0.050	08/10/2016	ND	2.30	115	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/10/2016	ND	2.23	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	08/10/2016	ND	6.70	112	6.00	1.81		
Total BTEX	<0.300	0.300	08/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	08/12/2016	ND	400	100	400	0.00		

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	08/10/2016	ND	199	99.6	200	1.94		
DRO >C10-C28	14.0	10.0	08/10/2016	ND	201	100	200	2.77		

Surrogate: 1-Chlorooctane 80.0 % 35-147
Surrogate: 1-Chlorooctadecane 89.7 % 28-171

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Analytical Results For:

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

Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 2 @ SURFACE (H601771-06)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	08/10/2016	ND	2.24	112	2.00	1.18	
Toluene*	2.43	1.00	08/10/2016	ND	2.30	115	2.00	1.05	
Ethylbenzene*	6.36	1.00	08/10/2016	ND	2.23	111	2.00	2.03	
Total Xylenes*	15.2	3.00	08/10/2016	ND	6.70	112	6.00	1.81	
Total BTEX	24.0	6.00	08/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	08/12/2016	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	549	200	08/10/2016	ND	199	99.6	200	1.94		
DRO >C10-C28	20500	200	08/10/2016	ND	201	100	200	2.77		

Surrogate: 1-Chlorooctane 146 % 35-147

Surrogate: 1-Chlorooctadecane 708 % 28-171

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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:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 2 @ 1' (H601771-07)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	08/10/2016	ND	2.24	112	2.00	1.18	
Toluene*	0.543	0.500	08/10/2016	ND	2.30	115	2.00	1.05	
Ethylbenzene*	2.07	0.500	08/10/2016	ND	2.23	111	2.00	2.03	
Total Xylenes*	6.03	1.50	08/10/2016	ND	6.70	112	6.00	1.81	
Total BTEX	8.64	3.00	08/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	08/12/2016	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	217	50.0	08/10/2016	ND	199	99.6	200	1.94	
DRO >C10-C28	3070	50.0	08/10/2016	ND	201	100	200	2.77	

Surrogate: 1-Chlorooctane 116 % 35-147

Surrogate: 1-Chlorooctadecane 121 % 28-171

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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:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 2 @ 2' (H601771-08)

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	08/10/2016	ND	2.24	112	2.00	1.18		
Toluene*	<0.050	0.050	08/10/2016	ND	2.30	115	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/10/2016	ND	2.23	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	08/10/2016	ND	6.70	112	6.00	1.81		
Total BTEX	<0.300	0.300	08/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	08/12/2016	ND	400	100	400	0.00		

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	08/10/2016	ND	199	99.6	200	1.94		
DRO >C10-C28	<10.0	10.0	08/10/2016	ND	201	100	200	2.77		

Surrogate: 1-Chlorooctane 81.7 % 35-147
Surrogate: 1-Chlorooctadecane 86.4 % 28-171

Cardinal Laboratories

* = Accredited Analyte

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Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 2 @ 3' (H601771-09)

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	08/10/2016	ND	2.24	112	2.00	1.18		
Toluene*	<0.050	0.050	08/10/2016	ND	2.30	115	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/10/2016	ND	2.23	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	08/10/2016	ND	6.70	112	6.00	1.81		
Total BTEX	<0.300	0.300	08/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	16.0	16.0	08/12/2016	ND	400	100	400	0.00		

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	08/10/2016	ND	199	99.6	200	1.94		
DRO >C10-C28	10.5	10.0	08/10/2016	ND	201	100	200	2.77		

Surrogate: 1-Chlorooctane 87.1 % 35-147
Surrogate: 1-Chlorooctadecane 95.6 % 28-171

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

Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 3 @ SURFACE (H601771-10)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	08/11/2016	ND	2.24	112	2.00	1.18	
Toluene*	1.96	0.500	08/11/2016	ND	2.30	115	2.00	1.05	
Ethylbenzene*	4.88	0.500	08/11/2016	ND	2.23	111	2.00	2.03	
Total Xylenes*	11.6	1.50	08/11/2016	ND	6.70	112	6.00	1.81	
Total BTEX	18.4	3.00	08/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	<16.0	16.0	08/12/2016	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	567	200	08/10/2016	ND	199	99.6	200	1.94		
DRO >C10-C28	22500	200	08/10/2016	ND	201	100	200	2.77		

Surrogate: 1-Chlorooctane 158 % 35-147

Surrogate: 1-Chlorooctadecane 1240 % 28-171

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

Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 3 @ 1' (H601771-11)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	08/10/2016	ND	2.24	112	2.00	1.18	
Toluene*	0.829	0.500	08/10/2016	ND	2.30	115	2.00	1.05	
Ethylbenzene*	3.08	0.500	08/10/2016	ND	2.23	111	2.00	2.03	
Total Xylenes*	8.63	1.50	08/10/2016	ND	6.70	112	6.00	1.81	
Total BTEX	12.5	3.00	08/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	08/12/2016	ND	400	100	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	295	50.0	08/10/2016	ND	199	99.6	200	1.94	
DRO >C10-C28	3160	50.0	08/10/2016	ND	201	100	200	2.77	

Surrogate: 1-Chlorooctane 126 % 35-147

Surrogate: 1-Chlorooctadecane 129 % 28-171

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 Cliff Brunson
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Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 3 @ 2' (H601771-12)

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	08/10/2016	ND	2.24	112	2.00	1.18		
Toluene*	<0.050	0.050	08/10/2016	ND	2.30	115	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/10/2016	ND	2.23	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	08/10/2016	ND	6.70	112	6.00	1.81		
Total BTEX	<0.300	0.300	08/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	48.0	16.0	08/12/2016	ND	400	100	400	0.00		

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	08/10/2016	ND	199	99.6	200	1.94		
DRO >C10-C28	<10.0	10.0	08/10/2016	ND	201	100	200	2.77		

Surrogate: 1-Chlorooctane 73.1 % 35-147
Surrogate: 1-Chlorooctadecane 76.2 % 28-171

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Analytical Results For:

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

Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 3 @ 3' (H601771-13)

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	08/10/2016	ND	2.24	112	2.00	1.18		
Toluene*	<0.050	0.050	08/10/2016	ND	2.30	115	2.00	1.05		
Ethylbenzene*	<0.050	0.050	08/10/2016	ND	2.23	111	2.00	2.03		
Total Xylenes*	<0.150	0.150	08/10/2016	ND	6.70	112	6.00	1.81		
Total BTEX	<0.300	0.300	08/10/2016	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	48.0	16.0	08/12/2016	ND	400	100	400	0.00		

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	08/10/2016	ND	199	99.6	200	1.94		
DRO >C10-C28	<10.0	10.0	08/10/2016	ND	201	100	200	2.77		

Surrogate: 1-Chlorooctane 77.8 % 35-147

Surrogate: 1-Chlorooctadecane 83.0 % 28-171

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 Fax To: (575) 397-0397

Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 4 @ SURFACE (H601771-14)

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	08/10/2016	ND	2.24	112	2.00	1.18	
Toluene*	0.108	0.050	08/10/2016	ND	2.30	115	2.00	1.05	
Ethylbenzene*	0.236	0.050	08/10/2016	ND	2.23	111	2.00	2.03	
Total Xylenes*	0.571	0.150	08/10/2016	ND	6.70	112	6.00	1.81	
Total BTEX	0.915	0.300	08/10/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	08/12/2016	ND	400	100	400	0.00	

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	08/11/2016	ND	191	95.4	200	0.623	
DRO >C10-C28	102	10.0	08/11/2016	ND	195	97.6	200	1.64	QR-03, QM-07

Surrogate: 1-Chlorooctane 78.4 % 35-147

Surrogate: 1-Chlorooctadecane 96.7 % 28-171

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 P.O. Box 805
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 Fax To: (575) 397-0397

Received:	08/10/2016	Sampling Date:	08/08/2016
Reported:	08/16/2016	Sampling Type:	Soil
Project Name:	STATE A & B BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HOBBS, NM		

Sample ID: SP 4 @ 1' (H601771-15)

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	08/11/2016	ND	2.19	110	2.00	1.42	
Toluene*	0.061	0.050	08/11/2016	ND	2.23	112	2.00	1.79	
Ethylbenzene*	0.123	0.050	08/11/2016	ND	2.16	108	2.00	2.00	
Total Xylenes*	0.264	0.150	08/11/2016	ND	6.49	108	6.00	2.03	
Total BTEX	0.447	0.300	08/11/2016	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 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	<16.0	16.0	08/12/2016	ND	400	100	400	0.00	

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	08/11/2016	ND	191	95.4	200	0.623	
DRO >C10-C28	16.8	10.0	08/11/2016	ND	195	97.6	200	1.64	

Surrogate: 1-Chlorooctane 82.8 % 35-147

Surrogate: 1-Chlorooctadecane 93.1 % 28-171

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Celey D. Keene, Lab Director/Quality Manager

Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside if 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

Company Name: BBC International, Inc. P.O. #: **BILL TO**
 Project Manager: Cliff Brunson ANALYSIS REQUEST

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: **State A+B B2 Henry**

Project Location: **Hobbs, NM** State: **NM** Zip: **88241**
 Sampler Name: **1.0** Phone #: Fax #:

FOR LAB USE ONLY
 Lab I.D. **H001771** Sample I.D. **SP105SK**
 Matrix: SOIL OIL SLUDGE
 GROUNDWATER WASTEWATER
 OTHER: ACID/BASE: ICE / COOL OTHER:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Analysis
H001771	SP105SK	C	1	X SOIL	X	X	8-0	00	BTEX
1	SP205SK	C	1	X SOIL	X	X			TPH
2	SP205SK	C	1	X SOIL	X	X			Cl-
3	SP205SK	C	1	X SOIL	X	X			
4	SP205SK	C	1	X SOIL	X	X			
5	SP205SK	C	1	X SOIL	X	X			
6	SP205SK	C	1	X SOIL	X	X			
7	SP205SK	C	1	X SOIL	X	X			
8	SP205SK	C	1	X SOIL	X	X			
9	SP205SK	C	1	X SOIL	X	X			
10	SP205SK	C	1	X SOIL	X	X			

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Relinquished By: *[Signature]* Date: **8-10-16** Time: **9:00**
 Received By: *[Signature]* Date: **8-10-16** Time: **11:15**

Delivered By: (Circle One) **UPS** - Bus - Other: **-4.48**
 Sample Condition: Intact Cool Yes No

Relinquished By: *[Signature]* Date: **8-10-16** Time: **9:00**
 Received By: *[Signature]* Date: **8-10-16** Time: **11:15**
 CHECKED BY: *[Signature]*
 REMARKS: **#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	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
NE ¼	32	18S	38E					Lea County, NM

Latitude N 32.70557° Longitude W 103.16575°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	25 bbls oil, 40 bbls produced water	Volume Recovered	24 bbls oil, 30 bbls produced water
Source of Release	Tank Overflow caused by human error	Date and Hour of Occurrence	08/01/2016	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?	Tony Aguilar - Oxy	Date and Hour	08/01/2016 @ 10:59 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.*

A tank overflow caused by human error spilled 25 bbls of oil and 40 bbls of produced water. A vacuum truck recovered 24 bbls of oil and 30 bbls of produced water and the valve was closed.

Describe Area Affected and Cleanup Action Taken.*

The area affected is approximately 100' x 50' both on and off location. 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: 8-4-16	Phone: (575) 397-8251		

* Attach Additional Sheets If Necessary