Closure Report APPROVED

By OCD District 1 at 9:31 am, Jul 09, 2015

Site Description						
Site Name:	Fred Turner JR B Battery					
Company:	Oxy Permian Ltd.					
Legal Description:	U/L I, Section 18, T20S, R38E					
County:	Lea County, NM					
GPS Coordinates:	N 32.57280° W 103.18227°					

Release Data						
Date of Release:	03/18/2014					
Type of Release:	Oil and produced water					
Source of Release:	Flex tube clogged up with dirt					
Volume of Release:	3 bbls oil, 8 bbls produced water					
Volume Recovered:	0 bbls					

Remediation Specifications								
Remediation Parameters:	Excavate the area around SP1 to a depth of 6 inches. Excavate the area around SP2 to a depth of 1 foot. Excavate the areas around SP3 and SP4 to a depth of 2 feet. Backfill the site with clean soil.							
Remediation Activities:	05/15/2015 to 05/26/2015							

Plan Sent to OCD:	06/26/2014	Email from Cliff Brunson to Geoffrey Leking
OCD Approval of Plan:	07/01/2014	Email from Geoffrey Leking to Cliff Brunson
Plan Sent to BLM:	n/a	n/a
BLM Approval of Plan:	n/a	n/a

	Supporting Documentation							
Initial C-141	Signed 03/24/2014							
Final C-141	Signed 06/18/2015							
Site Diagram	April 2014							
Groundwater Plot	75'-100'							
TOPO Maps	April 2014							
Lab Summary	04/25/2014							
Lab Analysis	04/25/2014							
Correspondence	Request and approval of remediation plan via email							

Request for Closure

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc. 07/07/2015 <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 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

Revised August 8, 2011

Form C-141

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 Notificat	tion and Corrective A	ction					
	OPERATOR	🛚 Initi	al Report				
Name of Company Oxy Permian Ltd.	Contact Chancey Summe						
Address 1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No. (575) 397-8216						
Facility Name Fred Turner JR B Battery	Facility Type Battery						
Surface Owner BLM Mineral Own	ier	API No),				
LOCAT	ION OF RELEASE						
Unit Letter Section Township Range Feet from the No.	orth/South Line Feet from the	East/West Line	County				
20 20S 38E			Lea County, NM				
Latitude <u>N 32.5727</u>	79° Longitude <u>W 103.1820</u>	<u>5°</u>					
	RE OF RELEASE						
Type of Release Oil and Produced water	Volume of Release 3 bbls oi 8 bbls produced water	l, Volume I 0 bbls	Recovered				
Source of Release Flex tube clogged up with dirt and caused issues	Date and Hour of Occurrence		Hour of Discovery				
with the separator Was Immediate Notice Given?	03/18/2014 If YES, To Whom?						
Yes No Not Require	red Geoffrey Leking, NMOCD						
By Whom? Kathy Purvis, BBC International	Date and Hour 03/19/2014	4 @ 4:15 pm					
Was a Watercourse Reached? ☐ Yes ☒ No	If YES, Volume Impacting to	he Watercourse.					
If a Watercourse was Impacted, Describe Fully.*							
Describe Cause of Problem and Remedial Action Taken.*							
The flex tube clogged up with dirt and caused separator issues. These	issues caused 3 bbls of oil and 8 bl	als of produced wa	iter to leak onto the ground. No				
fluids were recovered and flex tube was cleaned out.	TOWNS CHARGE D COLD OF CALL MILE C CA	ons of produced wa	to total one ground, 140				
Describe Area Affected and Cleanup Action Taken.*							
The affected even is a superimentally 102 vs 152 and 1-a-time. December 11	211.1	tia at it	1 11 17 (0.07)				
The affected area is approximately 10' x 15' on location. Remediation	n will be completed in accordance v	vith 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 ur	iderstand that purs	uant to NMOCD rules and				
regulations all operators are required to report and/or file certain release public health or the environment. The acceptance of a C-141 report by	se notifications and perform correct	ive actions for rele	eases which may endanger				
should their operations have failed to adequately investigate and remed	diate contamination that pose a thre	at to ground water	surface water, human health				
or the environment. In addition, NMOCD acceptance of a C-141 report	rt does not relieve the operator of re	esponsibility for co	ompliance with any other				
federal, state, or local laws and/or regulations.	OIL CONG	TEDALATION	DIVIGION				
	OIL CONS	SERVATION	DIAISION				
Signature:	_						
Printed Name: Chancey Summers	Approved by Environmental Sp	ecialist:					
Title: HES Specialist	Approval Date:	Expiration I	Date:				
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:						
5 201 14			Attached				
Date: Phone: (575) 397-8216 Attach Additional Sheets If Necessary							

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

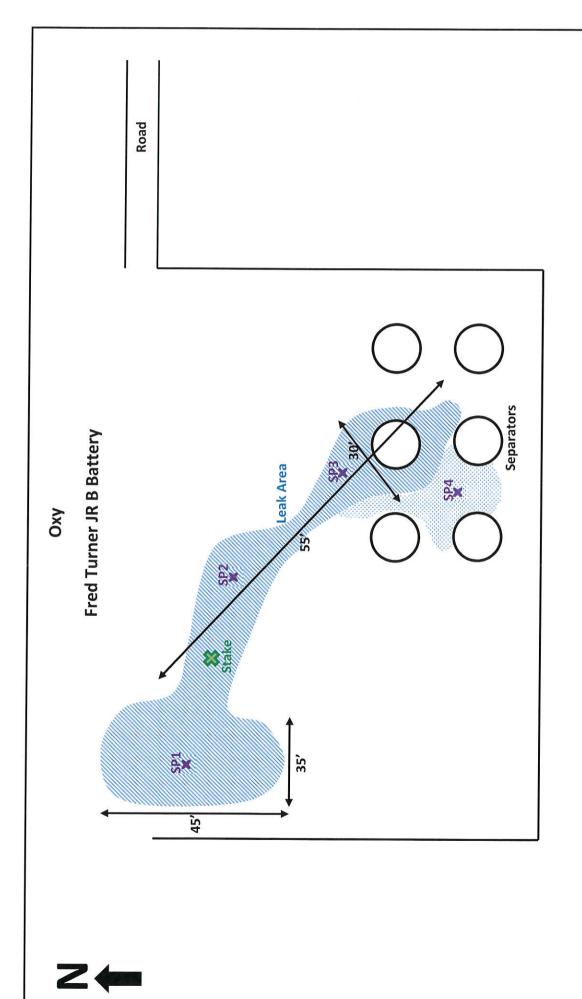
State of New Mexico Energy Minerals and Natural Resources

Form C-141
Revised August 8, 2011
Submit 1 Copy to appropriate District Office in

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 Co		Oxy Permia				Contact Chancey Summers							
Address	6 Desta Dr	ive, Midland	l, TX 797	705		Telephone No. (432) 685-5824							
Facility Na	me Fred	Turner JR B	Battery			Facility Type Battery							
Surface Ow	ner BLI	M		Mineral O	wner	vner API No.				-			
				LOCA	TIO	N OF REI	LEASE						
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/West	t Line	County			
	20	20S	38E							Lea County	ı NM		
				Latitude N 32.57	72700	Longitu	de <u>W 103,</u> 1820:	50		Dea count	, . 1.1.		
			•			OF RELI		. <u></u>					
Type of Rele	ase Oil a	nd Produced w	ater	,	OILL		Release 3 bbls oi	1, Vo	olume I	Recovered			
						8 bbls prod	uced water		obls				
Source of Re		x tube clogged	up with d	lirt and caused issu	ies		our of Occurrence	e Da	ate and	Hour of Disc	overy		
with the sepa Was Immedia		Siven?				03/18/2014 If YES, To							
vv as militodia	ate ivolice C		Yes	No 🔲 Not Rec	quired		eking, NMOCD						
By Whom?		vis, BBC Inter	rnational			Date and H	our 03/19/2014	1 @ 4:15 pn	n				
Was a Water	course Reac		Yes 🛚	No		If YES, Vo	lume Impacting th	he Waterco	urse.				
If a Watercou	rse was Im	pacted, Descri	be Fully.*										
		. ,	Ž										
													ļ
Describe Cau	se of Proble	m and Remed	ial Action	Taken.*		·							
				parator issues. The	ese issu	es caused 3 b	bls of oil and 8 bl	bls of produ	iced wa	ater to leak or	ito the	ground	. No
fluids were re	covered and	i flex tube was	s cleaned	out.									
Describe Area	a Affected a	nd Cleanup A	ction Take	en.*									
The offeeted of	raa is anno	ovimataly 10°	v 15' on 1	ocation. Remediat		المحادا سمسمم		. 41		.1	11 0	cc	
Leking of NN	iica is appit IOCD via e	mail on 07/01.	/2014.	ocanon, Kenteulai	uon wa	s completed i	n accordance with	i ine remed	ianon f	nan approvec	i by G	eomey	İ
	-												
I hereby certif	fy that the in	nformation giv	en above	is true and comple	te to th	e best of my l	knowledge and ur	iderstand th	at purs	uant to NMC	CD ru	les and	
				d/or file certain rel e of a C-141 report									,
should their o	perations ha	ive failed to a	lecuptane. lecuately	investigate and rer	nediate	contamination	on that nose a thre	port does : at to ground	d water	surface wat	aoror er hur	naomiy nan hea	1th
or the environ	ment. In ac	dition, NMO	CD accept	ance of a C-141 re	port de	es not relieve	the operator of re	esponsibilit	y for co	ompliance wi	th any	other	
federal, state,	or local law	s and/or regul	ations.					1		1			
		-)			OIL CONS	SERVAT	YON	DIVISIO:	<u>N</u>		
Signature: <													
2.5		·	The second second			nnroved by I	Environmental Sp	ecialist					İ
Printed Name	: Chance	y Summers				трргочей бу 1	sirvironii citar sp	Colalist.					
Title: HES	Lead				A	Approval Date	2	Expi	ration I	tion Date:			
E-mail Addres	ss: Chanc	ey.Summers@	oxy.com		6	Conditions of	Approval:		_				
61	19/14			(400) 60 = ===			F.L			Attached	Ц		
Date: <i>([/ [</i>]	ional Shee	ts If Necessa	Phone:	(432) 685-5824						<u> </u>			



BBC International, Inc.

Oxy

Fred Turner JR B Battery

Date: 04/01/2014 DRWG by: K. Purvis

NOT TO SCALE File: Oxy 2014

U/L I, Section 18, T20S, R38E Lea County, NM N 32.57280° W 103.18227° at stake



Groundwater Plot

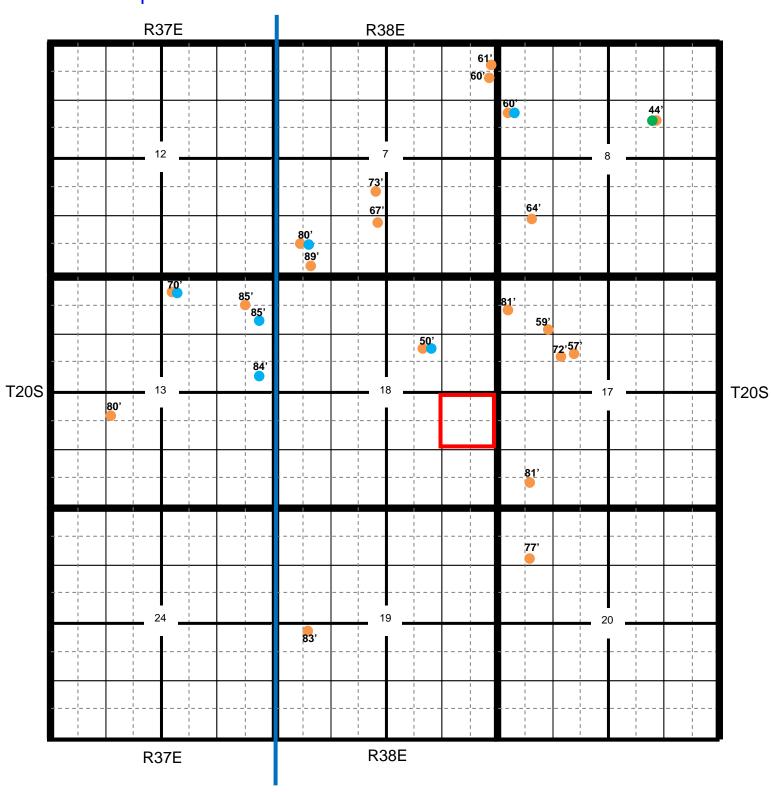
Oxy Fred Turner JR B Battery

CountyUnit LetterSectionTownshipRangeLeaI1820S38E

Trend Map 75'-100'

Location

OCD



USGS

SEO

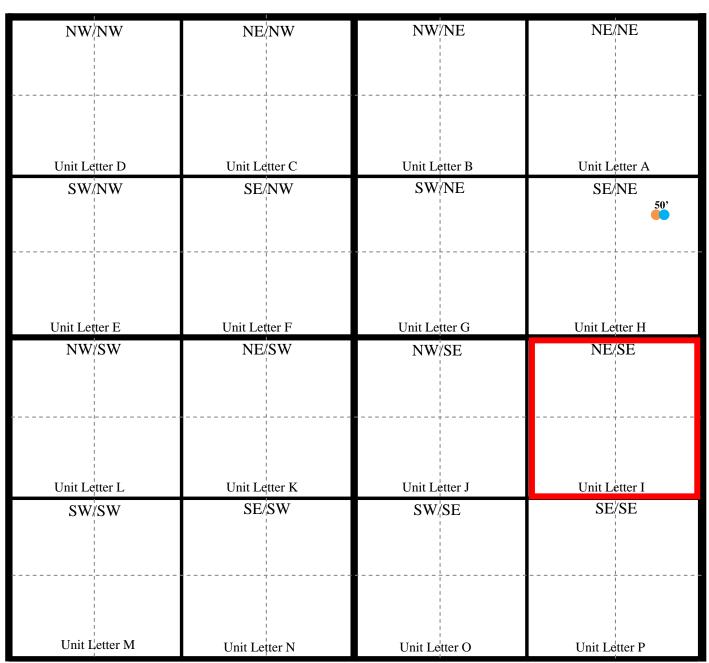
All Databases

Oxy Fred Turner JR B Battery

CountyUnit LetterSectionTownshipRangeLea11820S38E

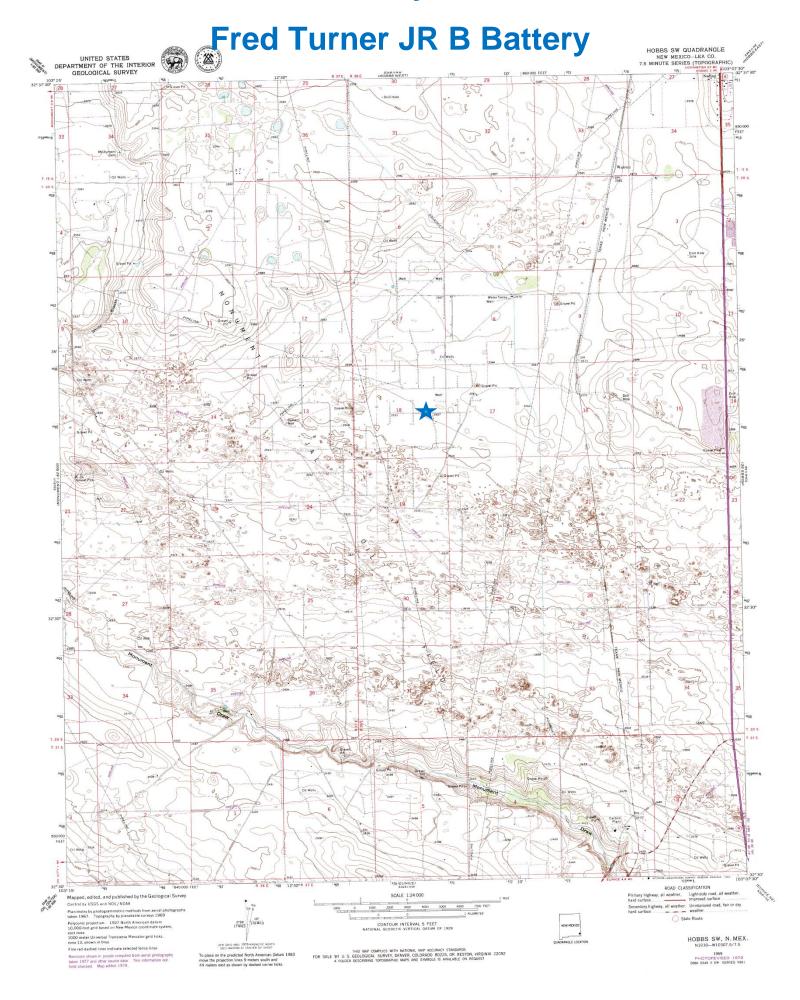
Trend Map 75'-100'

1



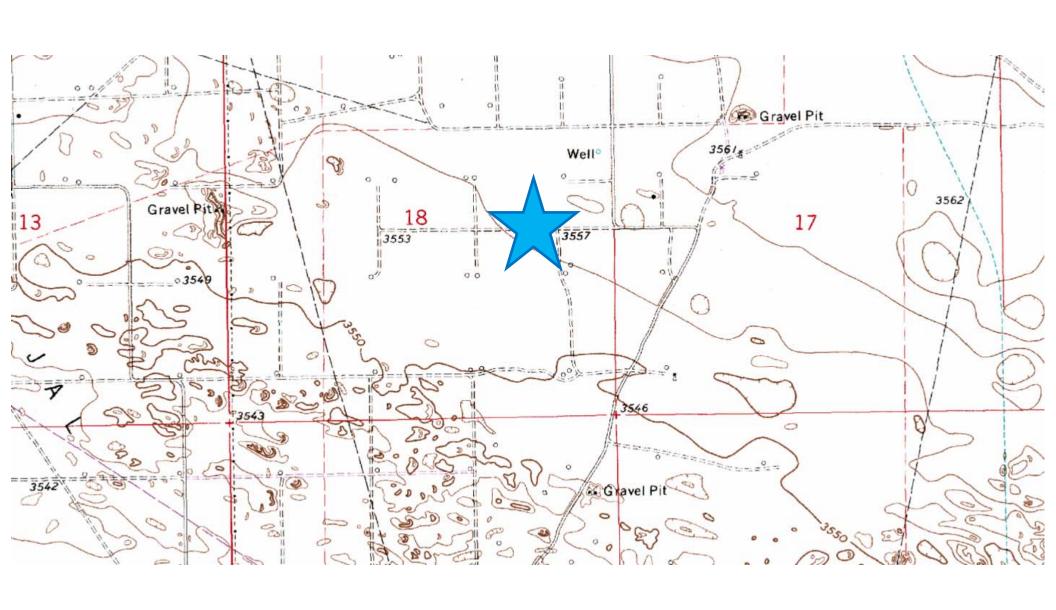
3

Oxy



Оху

Fred Turner JR B Battery



Laboratory Analytical Results Summary Fred Turner JR B Battery

		Sample	SP1 @ Surface	SP1 @ 1'	SP1 @ 2'
Analyte	Method	Date	4/25/14	4/25/14	4/25/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	< 0.050	<0.050
Toluene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		0.284	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		1.06	<0.150	<0.150
Total BTEX	BTEX 8021B		1.34	< 0.300	< 0.300
Chloride	SM4500CI-B		256	48.0	48.0
GRO	TPH 8015M		<50.0	<10.0	<10.0
DRO	TPH 8015M		2730	150	<10.0

		Sample	SP2 @ Surface	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	4/25/14	4/25/14	4/25/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.276	<0.050	< 0.050
Total Xylenes	BTEX 8021B		1.02	<0.150	<0.150
Total BTEX	BTEX 8021B		1.30	< 0.300	< 0.300
Chloride	SM4500CI-B		304	144	80.0
GRO	TPH 8015M		74.7	<10.0	<10.0
DRO	TPH 8015M		3850	503	<10.0

		Sample	SP3 @ Surface	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	4/25/14	4/25/14	4/25/14	4/25/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.500	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		< 0.500	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		1.48	<0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		7.01	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		8.48	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		5280	1140	640	128
GRO	TPH 8015M		331	<10.0	<10.0	<10.0
DRO	TPH 8015M		18800	<10.0	<10.0	<10.0

		Sample	SP4 @ Surface	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'
Analyte	Method	Date	4/25/14	4/25/14	4/25/14	4/25/14
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		< 0.200	< 0.050	< 0.050	< 0.050
Toluene	BTEX 8021B		<0.200	< 0.050	< 0.050	< 0.050
Ethylbenzene	BTEX 8021B		0.756	< 0.050	< 0.050	< 0.050
Total Xylenes	BTEX 8021B		3.58	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		4.34	< 0.300	< 0.300	< 0.300
Chloride	SM4500CI-B		2640	4280	1090	128
GRO	TPH 8015M		190	<10.0	<10.0	<10.0
DRO	TPH 8015M		16900	26.9	<10.0	<10.0



May 05, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: FRED TURNER JR 'B' BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 04/28/14 11:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. 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/ga/lab accred certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keene

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



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: BILLY WALKER

Sample ID: SP 1 @ SURFACE (H401260-01)

BTEX 8021B	mg/	kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2014	ND	2.03	102	2.00	1.90	
Toluene*	<0.050	0.050	05/01/2014	ND	2.03	102	2.00	2.53	
Ethylbenzene*	0.284	0.050	05/01/2014	ND	2.01	101	2.00	3.40	
Total Xylenes*	1.06	0.150	05/01/2014	ND	6.14	102	6.00	5.05	
Total BTEX	1.34	0.300	05/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	216 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<50.0	50.0	04/29/2014	ND	168	83.8	200	10.5	
DRO >C10-C28	2730	50.0	04/29/2014	ND	187	93.3	200	10.7	
Surrogate: 1-Chlorooctane	103 5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	141 9	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: **BILLY WALKER**

Sample ID: SP 1 @ 1' (H401260-02)

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	05/01/2014	ND	2.03	102	2.00	1.90	
Toluene*	<0.050	0.050	05/01/2014	ND	2.03	102	2.00	2.53	
Ethylbenzene*	<0.050	0.050	05/01/2014	ND	2.01	101	2.00	3.40	
Total Xylenes*	<0.150	0.150	05/01/2014	ND	6.14	102	6.00	5.05	
Total BTEX	<0.300	0.300	05/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/29/2014	ND	168	83.8	200	10.5	
DRO >C10-C28	150	10.0	04/29/2014	ND	187	93.3	200	10.7	
Surrogate: 1-Chlorooctane	110 9	% 65.2-14	0						
Surrogate: 1 Chloroctadocano	114	0/ 63 6 15	1						

114 % Surrogate: 1-Chlorooctadecane 63.6-154

Cardinal Laboratories *=Accredited Analyte

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: BILLY WALKER

Sample ID: SP 1 @ 2' (H401260-03)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/01/2014	ND	2.03	102	2.00	1.90	
Toluene*	<0.050	0.050	05/01/2014	ND	2.03	102	2.00	2.53	
Ethylbenzene*	<0.050	0.050	05/01/2014	ND	2.01	101	2.00	3.40	
Total Xylenes*	<0.150	0.150	05/01/2014	ND	6.14	102	6.00	5.05	
Total BTEX	<0.300	0.300	05/01/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	114 %	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/29/2014	ND	168	83.8	200	10.5	
DRO >C10-C28	<10.0	10.0	04/29/2014	ND	187	93.3	200	10.7	
Surrogate: 1-Chlorooctane	106 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	101 9	% 63.6-15	4						

Cardinal Laboratories *=Accredited Analyte

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: BILLY WALKER

Sample ID: SP 2 @ SURFACE (H401260-04)

RTFY 8021R

Benzene* <0.050 0.050 05/02/2014 ND 2.03 102 2.00 1.90	BIEX 8051R	mg/	кд	Anaiyze	а ву: м5					5-04
Toluene*	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Ethylbenzene* 0.276 0.050 05/02/2014 ND 2.01 101 2.00 3.40 Total Xylenes* 1.02 0.150 05/02/2014 ND 6.14 102 6.00 5.05 Total BTEX 1.30 0.300 05/02/2014 ND ND Analyzed Analyzed ND Analyzed Analyzed Analyzed Analyzed Analyzed BS % Recovery True Value QC RPD CQ Chloride 304 16.0 04/30/2014 ND 400 100 400 0.00 TPH 8015M mg/kg Analyzed By: CK S-06 Analyzed Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD QC GRO C6-C10 74.7 50.0 04/29/2014 ND 168 83.8 200 10.5 DRO >C10-C28 3850 50.0 04/29/2014 ND 187 93.3 200 10.7	Benzene*	<0.050	0.050	05/02/2014	ND	2.03	102	2.00	1.90	
Total Xylenes* 1.02 0.150 05/02/2014 ND 6.14 102 6.00 5.05 Total BTEX 1.30 0.300 05/02/2014 ND ND 6.14 102 6.00 5.05 Surrogate: 4-Bromofluorobenzene (PID 191 % 89.4-126	Toluene*	<0.050	0.050	05/02/2014	ND	2.03	102	2.00	2.53	
Total BTEX 1.30 0.300 05/02/2014 ND Surrogate: 4-Bromofluorobenzene (PID 191 % 89.4-126 Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed By: AP Chloride 304 16.0 04/30/2014 ND 400 100 400 0.00 TPH 8015M mg/kg Analyzed By: CK S-06 Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD CO GRO C6-C10 74.7 50.0 04/29/2014 ND 168 83.8 200 10.5 DRO >C10-C28 3850 50.0 04/29/2014 ND 187 93.3 200 10.7	Ethylbenzene*	0.276	0.050	05/02/2014	ND	2.01	101	2.00	3.40	
Surrogate: 4-Bromofluorobenzene (PID 191 % 89.4-126 Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD QC Chloride 304 16.0 04/30/2014 ND 400 100 400 0.00 TPH 8015M mg/kg Analyzed By: CK S-06 Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD QC RPD QC GRO C6-C10 74.7 50.0 04/29/2014 ND 168 83.8 200 10.5 DRO >C10-C28 3850 50.0 04/29/2014 ND 187 93.3 200 10.7	Total Xylenes*	1.02	0.150	05/02/2014	ND	6.14	102	6.00	5.05	
Chloride, SM4500Cl-B mg/kg Analyzed By: AP Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD QC Chloride 304 16.0 04/30/2014 ND 400 100 400 0.00 TPH 8015M mg/kg Analyzed By: CK S-06 Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD QC GRO C6-C10 74.7 50.0 04/29/2014 ND 168 83.8 200 10.5 DRO >C10-C28 3850 50.0 04/29/2014 ND 187 93.3 200 10.7	Total BTEX	1.30	0.300	05/02/2014	ND					
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD QC Chloride 304 16.0 04/30/2014 ND 400 100 400 0.00 TPH 8015M mg/kg Analyzed By: CK S-06 Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD QC GRO C6-C10 74.7 50.0 04/29/2014 ND 168 83.8 200 10.5 DRO >C10-C28 3850 50.0 04/29/2014 ND 187 93.3 200 10.7	Surrogate: 4-Bromofluorobenzene (PID	191 9	% 89.4-12	6						
Chloride 304 16.0 04/30/2014 ND 400 100 400 0.00 TPH 8015M mg/kg Analyzed By: CK S-06 Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD CO GRO C6-C10 74.7 50.0 04/29/2014 ND 168 83.8 200 10.5 DRO >C10-C28 3850 50.0 04/29/2014 ND 187 93.3 200 10.7	Chloride, SM4500CI-B	mg/	'kg	Analyze	ed By: AP					
TPH 8015M mg/kg Analyzed By: CK S-06 Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD CO GRO C6-C10 74.7 50.0 04/29/2014 ND 168 83.8 200 10.5 DRO >C10-C28 3850 50.0 04/29/2014 ND 187 93.3 200 10.7	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Q GRO C6-C10 74.7 50.0 04/29/2014 ND 168 83.8 200 10.5 DRO >C10-C28 3850 50.0 04/29/2014 ND 187 93.3 200 10.7	Chloride	304	16.0	04/30/2014	ND	400	100	400	0.00	
GRO C6-C10 74.7 50.0 04/29/2014 ND 168 83.8 200 10.5 DRO >C10-C28 3850 50.0 04/29/2014 ND 187 93.3 200 10.7	TPH 8015M	mg/	'kg	Analyze	ed By: CK					S-06
DRO >C10-C28 3850 50.0 04/29/2014 ND 187 93.3 200 10.7	Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
	GRO C6-C10	74.7	50.0	04/29/2014	ND	168	83.8	200	10.5	
Surrogate: 1-Chlorooctane 122 % 65.2-140	DRO >C10-C28	3850	50.0	04/29/2014	ND	187	93.3	200	10.7	
	Surrogate: 1-Chlorooctane	122 9	% 65.2-14	0						

Surrogate: 1-Chlorooctane 122 % 65.2-140
Surrogate: 1-Chlorooctadecane 165 % 63.6-154

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Celey D. Keine

C-04



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: **BILLY WALKER**

Sample ID: SP 2 @ 1' (H401260-05)

BTEX 8021B	mg,	/kg	Analyze	ed By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2014	ND	2.03	102	2.00	1.90	
Toluene*	<0.050	0.050	05/02/2014	ND	2.03	102	2.00	2.53	
Ethylbenzene*	<0.050	0.050	05/02/2014	ND	2.01	101	2.00	3.40	
Total Xylenes*	<0.150	0.150	05/02/2014	ND	6.14	102	6.00	5.05	
Total BTEX	<0.300	0.300	05/02/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	127	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	ed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/29/2014	ND	168	83.8	200	10.5	
DRO >C10-C28	503	10.0	04/29/2014	ND	187	93.3	200	10.7	
Surrogate: 1-Chlorooctane	93.1	% 65.2-14	0						
Surrogate: 1 Chloroctadocano	117	0/ 63 6 15	1						

Surrogate: 1-Chlorooctadecane 117 % 63.6-154

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Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: BILLY WALKER

Sample ID: SP 2 @ 2' (H401260-06)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/02/2014	ND	2.03	102	2.00	1.90	
Toluene*	<0.050	0.050	05/02/2014	ND	2.03	102	2.00	2.53	
Ethylbenzene*	<0.050	0.050	05/02/2014	ND	2.01	101	2.00	3.40	
Total Xylenes*	<0.150	0.150	05/02/2014	ND	6.14	102	6.00	5.05	
Total BTEX	<0.300	0.300	05/02/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	117 %	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/29/2014	ND	168	83.8	200	10.5	
DRO >C10-C28	<10.0	10.0	04/29/2014	ND	187	93.3	200	10.7	
Surrogate: 1-Chlorooctane	116 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	104 9	63.6-15	4						

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Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: BILLY WALKER

Sample ID: SP 3 @ SURFACE (H401260-07)

BTEX 8021B	mg	/kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	05/02/2014	ND	2.03	102	2.00	1.90	
Toluene*	<0.500	0.500	05/02/2014	ND	2.03	102	2.00	2.53	
Ethylbenzene*	1.48	0.500	05/02/2014	ND	2.01	101	2.00	3.40	
Total Xylenes*	7.01	1.50	05/02/2014	ND	6.14	102	6.00	5.05	
Total BTEX	8.48	3.00	05/02/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	143	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	/kg	Analyze	d By: CK					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	331	100	04/29/2014	ND	168	83.8	200	10.5	
DRO >C10-C28	18800	100	04/29/2014	ND	187	93.3	200	10.7	
Surrogate: 1-Chlorooctane	197	% 65.2-14	0						

Surrogate: 1-Chlorooctane 197 % 65.2-140
Surrogate: 1-Chlorooctadecane 549 % 63.6-154

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Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: **BILLY WALKER**

Sample ID: SP 3 @ 1' (H401260-08)

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	05/02/2014	ND	2.03	102	2.00	1.90	
Toluene*	<0.050	0.050	05/02/2014	ND	2.03	102	2.00	2.53	
Ethylbenzene*	<0.050	0.050	05/02/2014	ND	2.01	101	2.00	3.40	
Total Xylenes*	<0.150	0.150	05/02/2014	ND	6.14	102	6.00	5.05	
Total BTEX	<0.300	0.300	05/02/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	121 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/29/2014	ND	168	83.8	200	10.5	
DRO >C10-C28	<10.0	10.0	04/29/2014	ND	187	93.3	200	10.7	
Surrogate: 1-Chlorooctane	108 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	106	% 63 6-15	4						

Surrogate: 1-Chlorooctadecane 106 % 63.6-154

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Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: BILLY WALKER

Sample ID: SP 3 @ 2' (H401260-09)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	05/05/2014	ND	2.14	107	2.00	6.40	
Toluene*	<0.050	0.050	05/05/2014	ND	2.13	107	2.00	5.91	
Ethylbenzene*	<0.050	0.050	05/05/2014	ND	2.11	106	2.00	5.51	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.38	106	6.00	4.43	
Total BTEX	<0.300	0.300	05/05/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	94.2 %	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	640	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/29/2014	ND	168	83.8	200	10.5	
DRO >C10-C28	<10.0	10.0	04/29/2014	ND	187	93.3	200	10.7	
Surrogate: 1-Chlorooctane	109 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	107 %	63.6-15	4						

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Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Analyzed By: MC

Project Location: BILLY WALKER

ma/ka

Sample ID: SP 3 @ 3' (H401260-10)

RTFY 8021R

B1EX 8021B	mg/	кд	Anaiyze	а ву: м5					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2014	ND	2.14	107	2.00	6.40	
Toluene*	< 0.050	0.050	05/05/2014	ND	2.13	107	2.00	5.91	
Ethylbenzene*	< 0.050	0.050	05/05/2014	ND	2.11	106	2.00	5.51	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.38	106	6.00	4.43	
Total BTEX	<0.300	0.300	05/05/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	73.5 %	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/29/2014	ND	168	83.8	200	10.5	
DRO >C10-C28	<10.0	10.0	04/29/2014	ND	187	93.3	200	10.7	
Surrogate: 1-Chlorooctane	115 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	112 %	63.6-15	4						

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C-04



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Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: BILLY WALKER

Sample ID: SP 4 @ SURFACE (H401260-11)

BTEX 8021B	mg/kg Analyzed B			zed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	05/05/2014	ND	2.14	107	2.00	6.40	
Toluene*	<0.200	0.200	05/05/2014	ND	2.13	107	2.00	5.91	
Ethylbenzene*	0.756	0.200	05/05/2014	ND	2.11	106	2.00	5.51	
Total Xylenes*	3.58	0.600	05/05/2014	ND	6.38	106	6.00	4.43	
Total BTEX	4.34	1.20	05/05/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.1	% 89.4-12	6						
Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: CK					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	190	100	04/29/2014	ND	168	83.8	200	10.5	
DRO >C10-C28	16900	100	04/29/2014	ND	187	93.3	200	10.7	
Surrogate: 1-Chlorooctane	161	% 65.2-14	0						

Surrogate: 1-Chlorooctadecane 507 % 63.6-154

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: BILLY WALKER

Sample ID: SP 4 @ 1' (H401260-12)

BTEX 8021B	mg/	kg	Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2014	ND	2.14	107	2.00	6.40	
Toluene*	<0.050	0.050	05/05/2014	ND	2.13	107	2.00	5.91	
Ethylbenzene*	<0.050	0.050	05/05/2014	ND	2.11	106	2.00	5.51	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.38	106	6.00	4.43	
Total BTEX	<0.300	0.300	05/05/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	75.5 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4280	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/29/2014	ND	168	83.8	200	10.5	

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: BILLY WALKER

Sample ID: SP 4 @ 2' (H401260-13)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/05/2014	ND	2.14	107	2.00	6.40	
Toluene*	<0.050	0.050	05/05/2014	ND	2.13	107	2.00	5.91	
Ethylbenzene*	<0.050	0.050	05/05/2014	ND	2.11	106	2.00	5.51	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.38	106	6.00	4.43	
Total BTEX	<0.300	0.300	05/05/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	73.6	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/30/2014	ND	190	94.9	200	1.62	
DRO >C10-C28	<10.0	10.0	04/30/2014	ND	206	103	200	0.365	
Surrogate: 1-Chlorooctane	111 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	108 9	63.6-15	4						

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BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 04/28/2014 Sampling Date: 04/25/2014

Reported: 05/05/2014 Sampling Type: Soil

Project Name: FRED TURNER JR 'B' BATTERY Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: **BILLY WALKER**

Sample ID: SP 4 @ 3' (H401260-14)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	< 0.050	0.050	05/05/2014	ND	2.14	107	2.00	6.40	
Toluene*	< 0.050	0.050	05/05/2014	ND	2.13	107	2.00	5.91	
Ethylbenzene*	< 0.050	0.050	05/05/2014	ND	2.11	106	2.00	5.51	
Total Xylenes*	<0.150	0.150	05/05/2014	ND	6.38	106	6.00	4.43	
Total BTEX	<0.300	0.300	05/05/2014	ND					
Surrogate: 4-Bromofluorobenzene (PID	72.0 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	04/30/2014	ND	400	100	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	04/30/2014	ND	190	94.9	200	1.62	
DRO >C10-C28	<10.0	10.0	04/30/2014	ND	206	103	200	0.365	
Surrogate: 1-Chlorooctane	113 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	108 9	63.6-15	4						

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Celey D. Keine



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.

S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.

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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(EDE) 202 2326 EAY (EDE) 303-2476	101 East Marland, Hobbs, NM 88240	ARDINAL LABORATORIES	40
	0		

Project Manager: Cliff Brunson	Company Name: BBC International, Inc.	(505) 393-2326 FAX (505) 393-2476
P.O. #:	BILL TO	
	ANALYSIS REQUEST	

(5	(505) 393-2326 FAX (505) 393-24/6				
Company Name:	Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST
Project Manager: Cliff Brunson	Cliff Brunson		P.O.#:		
Address: P.O. Box 805	ox 805		Company:		
city: Hobbs	State: NM	Zip: 88241	Attn:		
Phone #: 575-397-6388	Fax #:	575-397-0397	Address: Sqh.		
Project #:	Project Owner:	OXY	city: / 1/16		
Project Name: F	red Turner Ve	Bil Battery	State: Zip:		
Project Location:	B. My Walker	,	Phone #:		
Sampler Name:	West Orneles	gan.			
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING	' - 4	
Lab I.D.	Sample I.D.	G)RAB OR (C)ON CONTAINERS GROUNDWATER WASTEWATER SOIL DIL SLUDGE	OTHER: ACID/BASE: CE/COOL OTHER:	TIME CO	
1	SOID Sirtia	X	X	430 X X X	
17	110	61 1	*	545 x y 5	
W	2.5	C / X	. >	1606 X X	
l l	Sp20 fixtice	C1 (, <u>,</u> ,	1031 X X X	
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40	1028 Serlac	×	*	7 77 5-511	
S		6	7	100 X X X	
, 9	2.	X	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	14 X X X	
PLEASE NOTE: Liability and D analyses. All claims including th service. In no event shall Cardin	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any client acting whether based in contract or tort, shall be limited to the amount paid by the client for the arealyses. All claims including those for regigence and any other cause whatsoever shall be deemed warved unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Carding Lee liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries.	y claim arising whether based in contract or y claim arising whether based in contract of eermed waived unless made in writing and without limitation, business interruptions, lo	r tort, shall be limited to the amount paid by the clience award by Cardinal within 30 days after completion as of use, or loss of profile incurred by client, its sub-	and by the client for the fler completion of the applicable y client, its subsidiaries,	
Relinquished By:	out of or related to the performance of services hereunder by Co. Date: Date: Time: On	Received By:	Lusser_	lt: D Yes D	No Add'I Phone #: 3 No Add'I Fax #:
Relinquished By:	Date:	Rébelived By:			
Delivered By: (Circle One) Sampler - UPS - Bus - Other		Sample Condition Cool Intact Pres Tres	on CHECKED BY:		
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[†] Cardinal cannot accept verbal changes. Please fax written changes to 505-3930476

Company Name: BBC International, Inc.	(505) 393-2326 FAX (505) 393-2476	101 East Marland, Hobbs, NM 88240	ARDINAL LABORATORIES	司
8/6				

(50	505) 393-2326 FAX (505) 395-2476		1
Company Name:	BBC International, Inc.	हार्र १७	ANALYSIS REQUEST
	Cliff Brunson	P.O. #:	
Address: P.O. Box 805	ox 805	Company:	
city: Hobbs	State: NM Zip: 88241	Attn:	
Phone #: 575-397-6388	7-6388 Fax#: 575-397-0397	Address:	
Project #:	Project Owner: OXU	city: 59110	
Project Name: Free	ed Turner VB. Bitery	State: Zip:	
Project Location:		Phone #:	
Sampler Name:		Fax #:	/ / /
FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING	~ Ay
Lab I.D. 1401260	(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	SLUDGE OTHER: ACID/BASE: LICE / COOL OTHER: DATE TIME	6 Tr
	50405che 6! 1	1 4.25 159	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
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PLEASE NOTE: Liability and Da	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the	normal to fort, shall be limited to the amount paid by the client for the control of the applicable of	for the free applicable
	- I be desired include mode in writ	and received by Cardinal Wilhin 30 days affer completion of	

† Cardinal cannot accept verbal changes. Please fax written changes to 505-3930476 #54

Sample Condition
Cool Intact
Yes Yes
No No

Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Time:

Redeived By:

Phone Result: Fax Result: REMARKS:

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

Relinquished By:

Relinquished By:

Kathy Purvis

From: Leking, Geoffrey R, EMNRD < GeoffreyR.Leking@state.nm.us>

Sent: Tuesday, July 01, 2014 2:42 PM

To: Cliff P. Brunson

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: OCD Concurrence with Various OXY Remediation Plans

Cliff

The OCD concurs with the:

- 1) OXY-State C Trac 11 Battery-Remediation Plan
- 2) OXY-Fred Turner JR B Battery-Remediation Plan
- 3) OXY-Federal 27 #8-Remediation Plan
- 4) OXY-MLMU #98-Remediation Plan
- 5) OXY-South Mattix Battery-Remediation Plan
- 6) OXY-MLMU Satellite #2-Remediation Plan
- 7) OXY-MLMU #71-Remediation Plan

Approval of the Red Tank 35 Fed #3 Remediation Plan is dependent on your response regarding the excavation depth at SP2 and SP3. Thanks Cliff.

Geoffrey Leking Environmental Specialist NMOCD-Hobbs 1625 N. French Drive Hobbs, NM 88240

Office: (575) 393-6161 Ext. 113

Cell: (575) 399-2990

email: geoffreyr.leking@state.nm.us

From: Cliff P. Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Thursday, June 26, 2014 8:30 PM

To: Leking, Geoffrey R, EMNRD

Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis Subject: OXY-State C Trac 11 Battery-Remediation Plan

Geoff,

This e-mail is to confirm our conversation on June 19, 2014 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As discussed, Oxy will excavate to a depth of 4 feet in the area around SP1, 1 foot in the areas of SP2 and SP3, 2 feet in the area of SP4, and 1 foot in the areas of SP5 and SP6 as depicted on the attached site diagram. Then the site will then be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
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