Bratcher, Mike, EMNRD

From:	Cliff P. Brunson <cbrunson@bbcinternational.com></cbrunson@bbcinternational.com>
Sent:	Monday, April 01, 2013 8:01 PM
То:	Bratcher, Mike, EMNRD
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	Oxy-Mobil Federal Battery-Remediation Plan
Attachments:	Remediation Packet- Mobil Fed Btry.pdf

Mike,

This e-mail is to confirm our discussion on March 25, 2013 concerning the remediation plan for the release that occurred at the Oxy Mobil Federal Battery. I have attached the site drawing and the summary of the laboratory data we reviewed during our discussion for your files. As agreed, Oxy will excavate 2 feet across the entire leak area at the site. The site will then be backfilled with clean soil. The depth to groundwater is this area is approximately 100 feet.

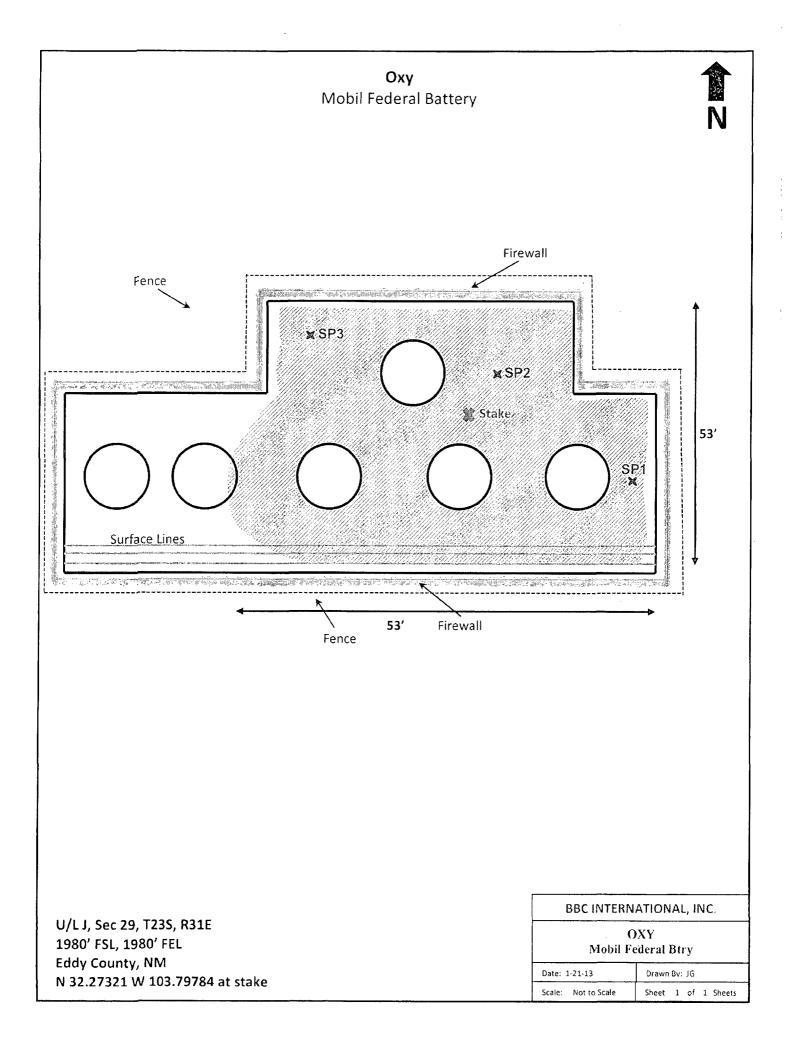
If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

Oxy and I thank you for your assistance in handling this matter.

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. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-0397 E-Mail: <u>cbrunson@bbcinternational.com</u>

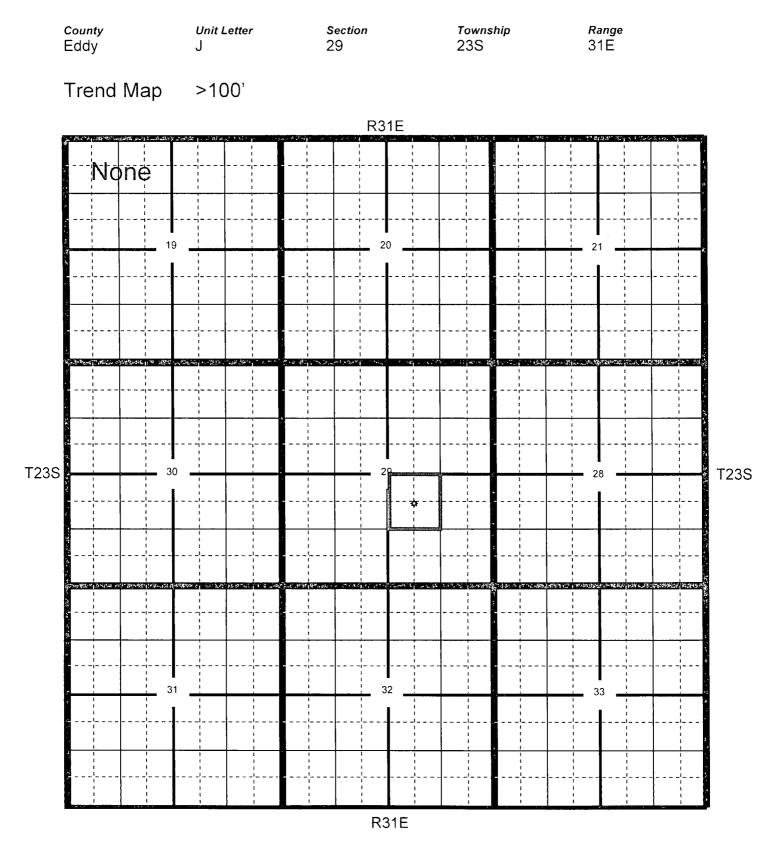
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Groundwater Plot

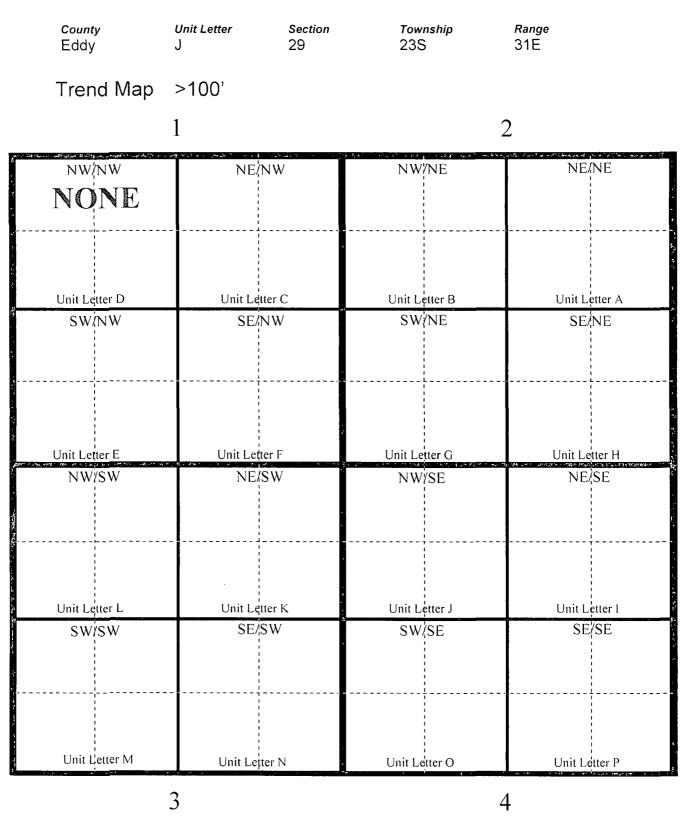
OXY Mobil Federal Battery



Location

Section Quarters

Oxy Mobil Federal Battery



✤ Location

SEO

Laboratory Analytical Results Summary MOBIL FEDERAL BATTERY

		Sample	SP1@ SURFACE	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
Analyte	Method	Date	1/30/13	1/30/13	1/30/13	1/30/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		3.21	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		17.4	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		12.6	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		48.1	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		81.3	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		5440	112	288	128
GRO	TPH 8015M		3580	<10.0	<10.0	<10.0
DRO	TPH 8015M		15600	29.2	<10.0	<10.0

		Sample	SURFACE	SP2 @ 2	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	1/30/13	1/30/13	1/30/13	1/30/13
			mg/Kg	mg/Kg	mg/Kg	∭mg/Kg 🍇
Benzene	BTEX 8021B		4.63	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		23.5	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		16.7	<0.050	<0.050	< 0.050
Total Xylenes	BTEX 8021B		64.9	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		110	<0.300	<0.300	<0.300
Chloride	SM4500CI-B		5680	80	272	128
GRO	TPH 8015M		3150	<10.0	<10.0	<10.0
DRO	TPH 8015M		14600	40.3	<10.0	<10.0

		Sample	SP3 @ SURFACE	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'.
Analyte	Method	Date	1/30/13	1/30/13	1/30/13	1/30/13
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		3.11	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		18.7	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		14.6	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		57.4	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		93.9	<0.300	<0.300	<0.300
Chloride	SM4500CI-B	-	6000	80	320	176
GRO	TPH 8015M		3040	<10.0	<10.0	<10.0
DRO	TPH 8015M		14000	26.4	25.3	<10.0



February 06, 2013

Cliff Brunson BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: MOBIL FED BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 01/31/13 8:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. 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.

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,

Celeg D. Keine

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:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP1 @ SURFACE (H300274-01)

BTEX 8021B	mg	/kg	Analyze	d By: AP					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.21	2.00	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	17.4	2.00	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	12.6	2.00	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	48.1	6.00	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	81.3	12.0	02/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL 128 % 89.4-126

Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: DW		· · · · · · · · · · · · · · · · · · ·			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	02/04/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3580	100	02/01/2013	ND	209	104	200	3.67	
DRO >C10-C28	15600	100	02/01/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	260	65.2-14	0				***** ********************************		
Surrogate: 1-Chlorooctadecane	421 9	% 63.6-15	4						

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Celeg D. Kune

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:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP1 @ 2' (H300274-02)

BTEX 8021B	mg/	kg	Analyze	d By: AP		·····			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	<0.050	0.050	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	<0.050	0.050	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	<0.150	0.150	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	<0.300	0.300	02/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	108 9	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	112	16.0	02/04/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS			·····.		<u> </u>
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/01/2013	ND	209	104	200	3.67	
DRO >C10-C28	29.2	10.0	02/01/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	93.0 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	102%	63.6-15	4						

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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:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP1 @ 3' (H300274-03)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	<0.050	0.050	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	<0.050	0.050	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	<0.150	0.150	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	<0.300	0.300	02/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 9	89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	02/04/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/01/2013	ND	209	104	200	3.67	
DRO >C10-C28	<10.0	10.0	02/01/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	91.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.1 S	% 63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP1 @ 4[†] (H300274-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	<0.050	0.050	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	<0.050	0.050	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	<0.150	0.150	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	<0.300	0.300	02/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	107 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/04/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/04/2013	ND	209	104	200	3.67	
DRO >C10-C28	<10.0	10.0	02/04/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	91.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.0	% 63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager



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Received:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP2 @ SURFACE (H300274-05)

BTEX 8021B	mg/	kg	Analyze	d By: AP					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	4.63	2.00	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	23.5	2.00	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	16.7	2.00	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	64.9	6.00	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	110	12.0	02/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	132 !	89.4-12	6						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5680	16.0	02/04/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	/kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3150	50.0	02/01/2013	ND	209	104	200	3.67	
DRO >C10-C28	14600	50.0	02/01/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	235	% 65.2-14	10						
Surrogate: 1-Chlorooctadecane	426	63.6-15	4						

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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:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP2 @ 2' (H300274-06)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŞ	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	<0.050	0.050	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	<0.050	0.050	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	<0.150	0.150	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	<0.300	0.300	02/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106 9	89.4-12	6						
Chloride, SM4500Cl-B	mg/	′kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/04/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/01/2013	ND	209	104	200	3.67	
DRO >C10-C28	40.3	10.0	02/01/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	94.6	% 65.2-14	0				· · · · · · · · · · · · · · · · · · ·		
Surrogate: 1-Chlorooctadecane	101	% 63.6-15	4						

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Celeg D. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 7 of 16



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

Received:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP2 @ 3' (H300274-07)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	<0.050	0.050	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	<0.050	0.050	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	<0.150	0.150	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	<0.300	0.300	02/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	106%	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	02/04/2013	ND	432	108	400	0.00	
трн 8015м	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/01/2013	ND	209	104	200	3.67	
DRO >C10-C28	<10.0	10.0	02/01/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	97.1 \$	65.2-14	0				<u></u>	· · · · · · · · · · · · · · · · · · ·	
Surrogate: 1-Chlorooctadecane	107 9	63.6-15	4						

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Celeg Di Keine

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:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP2 @ 4' (H300274-08)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	<0.050	0.050	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	<0.050	0.050	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	<0.150	0.150	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	<0.300	0.300	02/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	105 %	6 89.4-12	6				<u> </u>		
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	02/04/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/01/2013	ND	209	104	200	3.67	
DRO >C10-C28	<10.0	10.0	02/01/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	97.7	65.2-14	10						
Surrogate: 1-Chlorooctadecane	110 9	63.6-15	4						

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Celeg D. Kune

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:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP3 @ SURFACE (H300274-09)

BTEX 8021B	mg/	kg	Analyze	d By: AP					S-04
Anałyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.11	2.00	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	18.7	2.00	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	14.6	2.00	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	57.4	6.00	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	93.9	12.0	02/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	132	89.4-12	6						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6000	16.0	02/04/2013	ND	432	108	400	0.00	
TPH 8015M	mg,	'kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3040	50.0	02/02/2013	ND	209	104	200	3.67	
DRO >C10-C28	14000	50.0	02/02/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	246	65.2-14	0						
Surrogate: 1-Chlorooctadecane	392	63.6-15	4						

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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:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP3 @ 2' (H300274-10)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	<0.050	0.050	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	<0.050	0.050	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	<0.150	0.150	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	<0.300	0.300	02/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	108 %	6 89.4-12	6			L			
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/04/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/02/2013	ND	209	104	200	3.67	
DR0 >C10-C28	26.4	10.0	02/02/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	88.2 9	% 65.2-14	0			·····			
Surrogate: 1-Chlorooctadecane	101 %	63.6-15	4						

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Celeg D. Kune

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:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP3 @ 3' (H300274-11)

BTEX 8021B	mg/	'kg	Analyze	d By: AP				<u> </u>	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	<0.050	0.050	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	<0.050	0.050	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	<0.150	0.150	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	<0.300	0.300	02/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	107 9	89.4-12	6						· · · · · · · · · · · · · · · · · · ·
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	320	16.0	02/04/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/02/2013	ND	209	104	200	3.67	
DRO >C10-C28	25.3	10.0	02/02/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	95.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	105 2	% 63.6-15	4						

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Celeg D. Kune

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:	01/31/2013	Sampling Date:	01/30/2013
Reported:	02/06/2013	Sampling Type:	Soil
Project Name:	MOBIL FED BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HWY #128		

Sample ID: SP3 @ 4' (H300274-12)

BTEX 8021B	mg/	kg	Analyze	d By: AP			. <u></u>		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/04/2013	ND	2.14	107	2.00	15.7	
Toluene*	<0.050	0.050	02/04/2013	ND	2.13	106	2.00	15.8	
Ethylbenzene*	<0.050	0.050	02/04/2013	ND	2.10	105	2.00	15.4	
Total Xylenes*	<0.150	0.150	02/04/2013	ND	6.38	106	6.00	15.2	
Total BTEX	<0.300	0.300	02/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	105 %	% 89.4-12	6			na,			
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	02/04/2013	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	02/02/2013	ND	209	104	200	3.67	
DRO >C10-C28	<10.0	10.0	02/02/2013	ND	170	85.1	200	2.31	
Surrogate: 1-Chlorooctane	91.1 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	101 %	63.6-15	4						

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Celez D. Kune

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.
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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Celeg Di Kune

Celey D. Keene, Lab Director/Quality Manager

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ARDINAL LABORATORIES

	(505) 393-2326 FAX (505) 393-24	76:								•.			. •	· · .									• •	• •	·		• •
Company Name	BBC International, Inc.	,									Ę/	44 5	Ø	a an					AN	ALYS	SIS	RE	QUE	ST	· .	·	
Project Manage	r: Cliff Brunson									#:		•••		· · · · ·	ŀ			· ·	5.5			- 4	•	х, ^с			-
Address: P.O	Box 805								Con	npar	ny:]												7
city: Hobbs	State: NM	Zij	p:	88	241	1		ę	Attri):					ŀ						l				'		
Phone #: 575-	397-6388 Fax #: 57!	5-39)7-	039	97			ļ	Add	ires	s: 🔨	\mathcal{A}	10	~													
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PLEASE NOTE: Labéty ar analyses. Al claims include	nd Damages. Cerdinalis liability and client's exclusive remedy for ing those for negligence and any other cause wratsoever shall be	any dai deeme	រក ១៩ ៧ សុំង	tsang v Rived u	niess r	r besed i made in v	n sont ariting	ಾದರಾ ತಿಂದೆಗ	tori, s ceive	inali be d by Ci	andrial w	io ine amous vithin 30 cays	a pakt s sfler	by the client for completion of th	one e applicat	ie i										-	

service. In he event shall Cardinal be fable for incidentation consequental damages, including without smallers, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, . States of Suite under by Cardinal, recordless of whether such claim is based upon any of the above stated reasons or otherwise.

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

* Page 15 of 16



1. July 201

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 16 of 16

RDINAL LABORATORIES

		A. A. A.	A 6		
1	(505)	393-	2326 F	AX (505) 393-2476

	(505) 393-2326 FAX (505) 393-247	2							. ·	. :														
Company Name	BBC International, Inc.									IL	1 10	<u> </u>	2	ANALYSIS REQUEST										
Project Manage	Cliff Brunson							0. #				• • •	T	Ι	Τ	Τ		1	1.1.1	1.	1.			1
Address: P.O.	Box 805						C	Company:					1				.							a
city: Hobbs	State: NM	Zip	: 8	824	1		A	tn: .									[2 2	e e
Phone #: 575-	397-6388 Fax #: 575	-39	7-03	397			A	ddre	ss:		0110	¢]											
Project #:	Project Owner	•	Ôľ	vef			ci	ty:			* (l			l				l			÷
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Sampler Name:	Loten Henning	17					Fa	ix #:																
FOR LAB USE ONLY		<u>.</u>			MAT	RIX		PR	ESER	iv.	SAMPLI	NG	12	A										
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affinites or currenspire areing out of or relater to the participance of canones benering to Cantinal manifests of whether such them is based upon any of the above stated participance or otherwise

Relinquished By:	Date: Recei	ved By:		Phone Result:	C Yes	D No	Add1 Phone #:
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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 October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Release Notification and Corrective Action

	OPERATOR	Initial Report	Final Report
Name of Company Oxy Permian Ltd.	Contact CJ Summers		
Address 1017 W. Stanolind Rd, Hobbs, N	M Telephone No. (575) 397-	-8216	
Facility Name Mobil Federal Battery	Facility Type Gathering		
Surface Owner BLM	Mineral Owner	Lease No.	

LOCATION OF RELEASE

boominon, or respired									
Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County	
J	29	235	31E	1980	South	1980	East	Eddy	

NATURE OF RELEASE

Latitude <u>N 32.27321°</u>

Longitude <u>W 103.79784</u>°

Type of Release Oil and Produced water	Volume of Release 60 bbls oil, 20 bbls water	Volume Recovered 0 bbls
Source of Release Tank overflow caused by vapor-locked transfer pump	Date and Hour of Occurrence 1/14/13	Date and Hour of Discovery
Was Immediate Notice Given?	If YES, To Whom? Mike Bratcher-OCD; James Amos- B	LM
By Whom? Chancey Summers	Date and Hour 1/14/13 @ 10:06 an	n
'as a Watercourse Reached? If YES, Volume Impacting the Watercourse. □ Yes ⊠ No		course.
Describe Cause of Problem and Remedial Action Taken.*		
The South water transfer pump vapor-locked causing a tank to overflow an recovered and the pump was repaired.	nd spill 60 bbls of oil and 20 bbls of wat	ter onto the ground. 0 bbls were
Describe Area Affected and Cleanup Action Taken.*		
The area affected is approximately 55' x x55'. The south water transfer peof water onto the ground. 0 bbls were recovered and the pump was repaired approved remediation plan.		

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		SERVATION DIVISION	
Printed Name: Chancey Summers	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com Date: Z - 9-13 Phone: (575) 397-8216	Conditions of Approval:	Attached	

* Attach Additional Sheets If Necessary