

Bratcher, Mike, EMNRD

From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Monday, April 01, 2013 8:27 PM
To: Bratcher, Mike, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: Oxy-Sterling Silver 3 #6 Battery-Remediation Plan
Attachments: Remediation Packet- Sterling Silver 3-6.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 Sterling Silver 3 #6 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 to 2.5 feet across the entire leak area at the site or as is practicable. As you will recall, this is the site that we feel the first round of sampling may have had the samples mislabeled so we resampled the site and the second set of samples were more in line with what the field screening data had determined. The site will then be backfilled with clean soil. The depth to groundwater in this area is approximately 400 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.

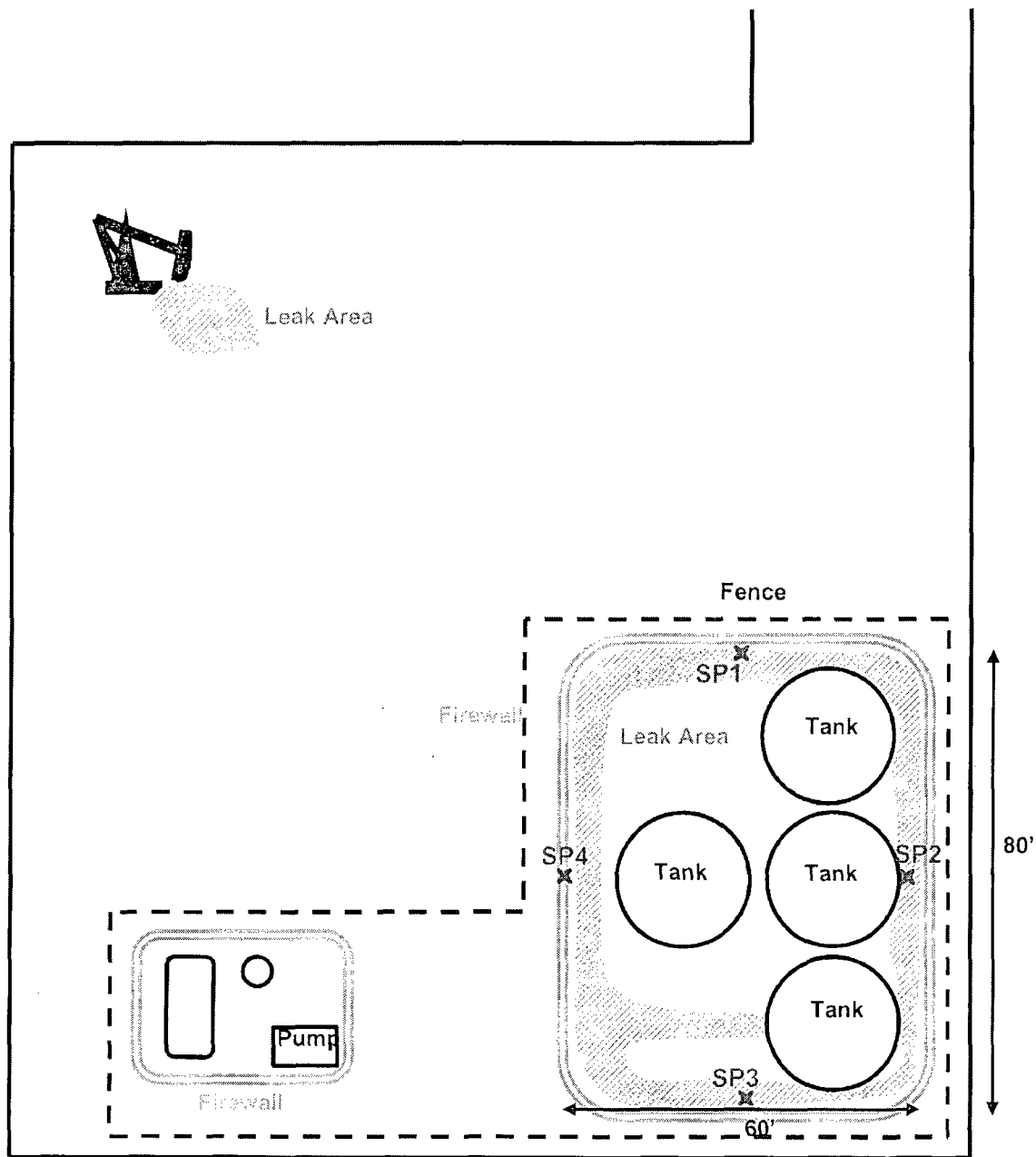
Thanks, Cliff

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:
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Oxy
Sterling Silver 3 #6 Battery



U/L F, Section 3, T24S, R31E
1980' FNL and 2310' FWL
Eddy County, NM
NM-55142

BBC International, Inc.	
Oxy	
Sterling Silver 3 #6 Btry (1/23/13)	
Date: 01/30/13	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013

Groundwater Plot

Oxy Sterling Silver 3 Federal #6

County
Eddy

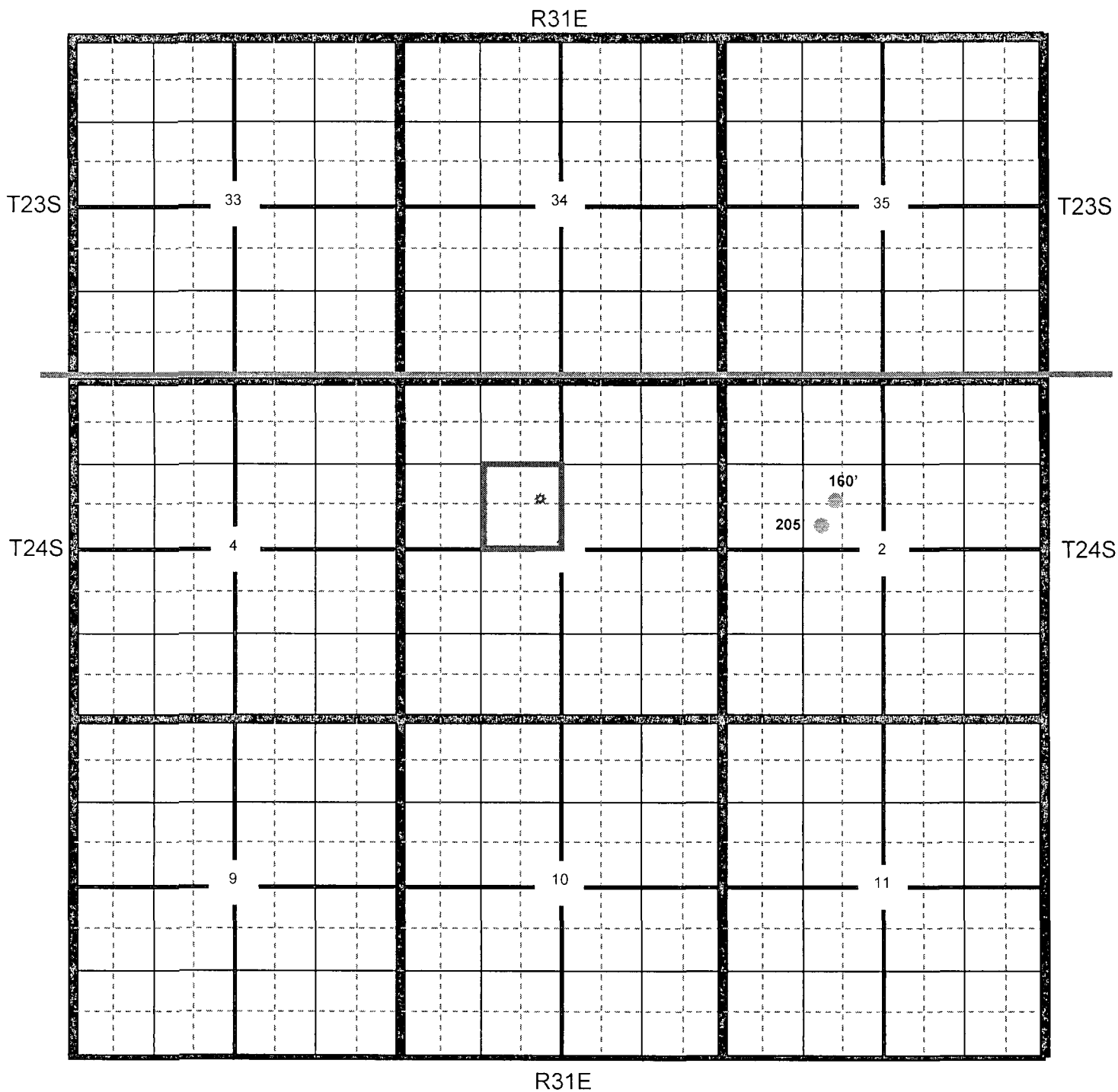
Unit Letter
F

Section
3

Township
24S

Range
31E

Trend Map 400'



Section Quarters

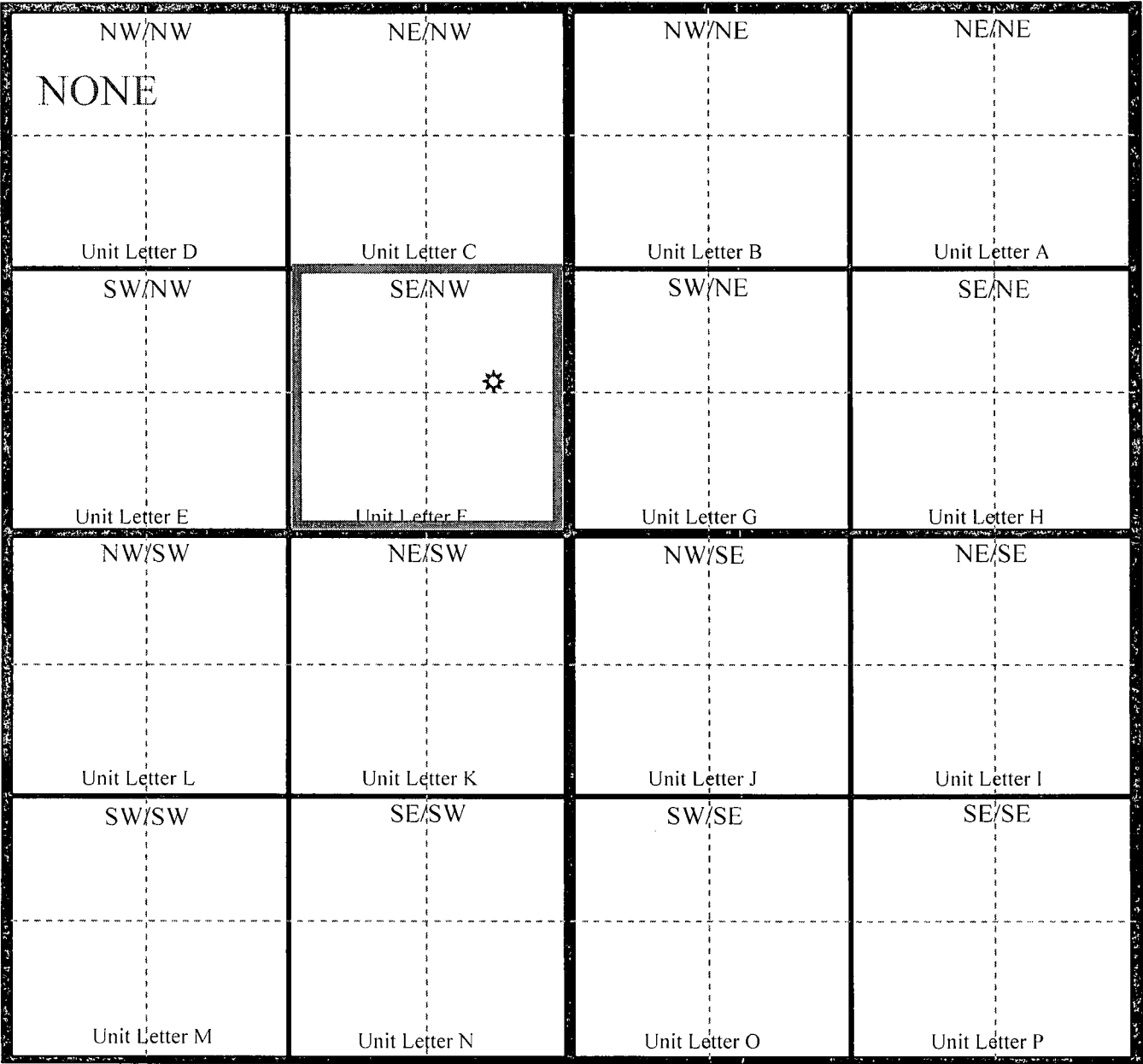
Oxy Sterling Silver 3 Federal #6

County Eddy	Unit Letter F	Section 3	Township 24S	Range 31E
-----------------------	-------------------------	---------------------	------------------------	---------------------

Trend Map 400'

1

2



3

4

Laboratory Analytical Results Summary
Sterling Silver 3 #6 Battery

		Sample	SP1 @ Surface	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	2/4/13	2/4/13	2/4/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		14.3	<0.050	<0.050
Toluene	BTEX 8021B		42.4	<0.050	<0.050
Ethylbenzene	BTEX 8021B		18.7	<0.050	<0.050
Total Xylenes	BTEX 8021B		67.4	<0.150	<0.150
Total BTEX	BTEX 8021B		143	<0.300	<0.300
Chloride	SM4500Cl-B		11600	96	1360
GRO	TPH 8015M		4830	<10.0	<10.0
DRO	TPH 8015M		8060	174	<10.0

		Sample	SP2 @ Surface	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	2/4/13	2/4/13	2/4/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		16.5	<0.050	<0.050
Toluene	BTEX 8021B		56.1	<0.050	<0.050
Ethylbenzene	BTEX 8021B		30.1	<0.050	<0.050
Total Xylenes	BTEX 8021B		118	<0.150	<0.150
Total BTEX	BTEX 8021B		221	<0.300	<0.300
Chloride	SM4500Cl-B		10700	96	1140
GRO	TPH 8015M		7280	<10.0	<10.0
DRO	TPH 8015M		13800	116	<10.0

		Sample	SP3 @ Surface	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	2/4/13	2/4/13	2/4/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		11.7	<0.050	<0.050
Toluene	BTEX 8021B		68.5	<0.050	<0.050
Ethylbenzene	BTEX 8021B		35.4	<0.050	<0.050
Total Xylenes	BTEX 8021B		128	<0.150	<0.150
Total BTEX	BTEX 8021B		243	<0.300	<0.300
Chloride	SM4500Cl-B		9490	48	1540
GRO	TPH 8015M		6720	<10.0	<10.0
DRO	TPH 8015M		12200	61.9	<10.0

		Sample	SP4 @ Surface	SP4 @ 2'	SP4 @ 3'
Analyte	Method	Date	2/4/13	2/4/13	2/4/13
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		11	<0.050	<0.050
Toluene	BTEX 8021B		67	<0.050	<0.050
Ethylbenzene	BTEX 8021B		33.7	<0.050	<0.050
Total Xylenes	BTEX 8021B		123	<0.150	<0.150
Total BTEX	BTEX 8021B		235	<0.300	<0.300
Chloride	SM4500Cl-B		8930	80	896
GRO	TPH 8015M		7370	<10.0	<10.0
DRO	TPH 8015M		13400	195	<10.0



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

February 12, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STERLING 3 6 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 02/05/13 8:55.

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 accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Coley D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager

Analytical Results For:

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

Received: 02/05/2013
Reported: 02/12/2013
Project Name: STERLING 3 6 BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 02/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ SURFACE (H300324-01)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	14.3	2.00	02/07/2013	ND	1.94	97.1	2.00	17.9	
Toluene*	42.4	2.00	02/07/2013	ND	1.96	98.1	2.00	17.4	
Ethylbenzene*	18.7	2.00	02/07/2013	ND	1.96	97.9	2.00	17.8	
Total Xylenes*	67.4	6.00	02/07/2013	ND	6.02	100	6.00	17.0	
Total BTEX	143	12.0	02/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 120 % 89.4-126


Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11600	16.0	02/06/2013	ND	432	108	400	3.64	
TPH 8015M		mg/kg		Analyzed By: MS					
				S-06					

Surrogate: 1-Chlorooctane		211 %	65.2-140						
Surrogate: 1-Chlorooctadecane		211 %	63.6-154						

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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: 02/05/2013
Reported: 02/12/2013
Project Name: STERLING 3 6 BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 02/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 2' (H300324-02)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2013	ND	1.94	97.1	2.00	17.9	
Toluene*	<0.050	0.050	02/07/2013	ND	1.96	98.1	2.00	17.4	
Ethylbenzene*	<0.050	0.050	02/07/2013	ND	1.96	97.9	2.00	17.8	
Total Xylenes*	<0.150	0.150	02/07/2013	ND	6.02	100	6.00	17.0	
Total BTX	<0.300	0.300	02/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 108 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/06/2013	ND	432	108	400	3.64	
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	02/05/2013	ND	202	101	200	4.59	
DRO >C10-C28	174	10.0	02/05/2013	ND	179	89.4	200	6.05	

Surrogate: 1-Chlorooctane 84.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 101 % 63.6-154

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

Received:	02/05/2013	Sampling Date:	02/04/2013
Reported:	02/12/2013	Sampling Type:	Soil
Project Name:	STERLING 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 1 @ 3' (H300324-03)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2013	ND	1.94	97.1	2.00	17.9	
Toluene*	<0.050	0.050	02/07/2013	ND	1.96	98.1	2.00	17.4	
Ethylbenzene*	<0.050	0.050	02/07/2013	ND	1.96	97.9	2.00	17.8	
Total Xylenes*	<0.150	0.150	02/07/2013	ND	6.02	100	6.00	17.0	
Total BTX	<0.300	0.300	02/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1360	16.0	02/06/2013	ND	432	108	400	3.64	

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	02/05/2013	ND	202	101	200	4.59	
DRO >C10-C28	<10.0	10.0	02/05/2013	ND	179	89.4	200	6.05	

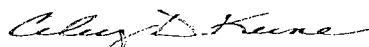
Surrogate: 1-Chlorooctane 91.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

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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:	02/05/2013	Sampling Date:	02/04/2013
Reported:	02/12/2013	Sampling Type:	Soil
Project Name:	STERLING 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 2 @ SURFACE (H300324-04)

BTEX 8021B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	16.5	1.00	02/07/2013	ND	1.94	97.1	2.00	17.9	
Toluene*	56.1	1.00	02/07/2013	ND	1.96	98.1	2.00	17.4	
Ethylbenzene*	30.1	1.00	02/07/2013	ND	1.96	97.9	2.00	17.8	
Total Xylenes*	118	3.00	02/07/2013	ND	6.02	100	6.00	17.0	
Total BTEX	221	6.00	02/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 175 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	10700	16.0	02/06/2013	ND	432	108	400	3.64	
TPH 8015M									

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	7280	100	02/06/2013	ND	202	101	200	4.59	
DRO >C10-C28	13800	100	02/06/2013	ND	179	89.4	200	6.05	

Surrogate: 1-Chlorooctane 190 % 65.2-140

Surrogate: 1-Chlorooctadecane 349 % 63.6-154

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Fax To: (575) 397-0397

Received: 02/05/2013
Reported: 02/12/2013
Project Name: STERLING 3 6 BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 02/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 2' (H300324-05)

BTEx 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2013	ND	1.94	97.1	2.00	17.9	
Toluene*	<0.050	0.050	02/07/2013	ND	1.96	98.1	2.00	17.4	
Ethylbenzene*	<0.050	0.050	02/07/2013	ND	1.96	97.9	2.00	17.8	
Total Xylenes*	<0.150	0.150	02/07/2013	ND	6.02	100	6.00	17.0	
Total BTEx	<0.300	0.300	02/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 117 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	02/06/2013	ND	432	108	400	3.64	

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	02/06/2013	ND	202	101	200	4.59	
DRO >C10-C28	116	10.0	02/06/2013	ND	179	89.4	200	6.05	

Surrogate: 1-Chlorooctane 91.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

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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: 02/05/2013
 Reported: 02/12/2013
 Project Name: STERLING 3 6 BATTERY
 Project Number: NONE GIVEN
 Project Location: NOT GIVEN

 Sampling Date: 02/04/2013
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Jodi Henson

Sample ID: SP 2 @ 3' (H300324-06)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2013	ND	1.94	97.1	2.00	17.9	
Toluene*	<0.050	0.050	02/07/2013	ND	1.96	98.1	2.00	17.4	
Ethylbenzene*	<0.050	0.050	02/07/2013	ND	1.96	97.9	2.00	17.8	
Total Xylenes*	<0.150	0.150	02/07/2013	ND	6.02	100	6.00	17.0	
Total BTEX	<0.300	0.300	02/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 107 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1140	16.0	02/06/2013	ND	432	108	400	3.64	

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	02/06/2013	ND	202	101	200	4.59	
DRO >C10-C28	<10.0	10.0	02/06/2013	ND	179	89.4	200	6.05	

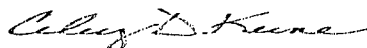
Surrogate: 1-Chlorooctane 90.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	02/05/2013	Sampling Date:	02/04/2013
Reported:	02/12/2013	Sampling Type:	Soil
Project Name:	STERLING 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ SURFACE (H300324-07)

BTX 8021B		mg/kg		Analyzed By: AP				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	11.7	1.00	02/07/2013	ND	1.94	97.1	2.00	17.9	
Toluene*	68.5	1.00	02/07/2013	ND	1.96	98.1	2.00	17.4	
Ethylbenzene*	35.4	1.00	02/07/2013	ND	1.96	97.9	2.00	17.8	
Total Xylenes*	128	3.00	02/07/2013	ND	6.02	100	6.00	17.0	
Total BTX	243	6.00	02/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 180 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	9490	16.0	02/06/2013	ND	432	108	400	3.64	
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	6720	50.0	02/06/2013	ND	202	101	200	4.59	
DRO >C10-C28	12200	50.0	02/06/2013	ND	179	89.4	200	6.05	


Surrogate: 1-Chlorooctane 280 % 65.2-140

Surrogate: 1-Chlorooctadecane 301 % 63.6-154

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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:	02/05/2013	Sampling Date:	02/04/2013
Reported:	02/12/2013	Sampling Type:	Soil
Project Name:	STERLING 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 2' (H300324-08)

BTX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2013	ND	1.94	97.1	2.00	17.9	
Toluene*	<0.050	0.050	02/07/2013	ND	1.96	98.1	2.00	17.4	
Ethylbenzene*	<0.050	0.050	02/07/2013	ND	1.96	97.9	2.00	17.8	
Total Xylenes*	<0.150	0.150	02/07/2013	ND	6.02	100	6.00	17.0	
Total BTX	<0.300	0.300	02/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 114 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	02/06/2013	ND	432	108	400	3.64	
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	02/06/2013	ND	202	101	200	4.59	
DRO >C10-C28	61.9	10.0	02/06/2013	ND	179	89.4	200	6.05	

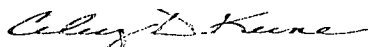
Surrogate: 1-Chlorooctane 90.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 113 % 63.6-154

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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:	02/05/2013	Sampling Date:	02/04/2013
Reported:	02/12/2013	Sampling Type:	Soil
Project Name:	STERLING 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 3 @ 3' (H300324-09)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2013	ND	1.94	97.1	2.00	17.9	
Toluene*	<0.050	0.050	02/07/2013	ND	1.96	98.1	2.00	17.4	
Ethylbenzene*	<0.050	0.050	02/07/2013	ND	1.96	97.9	2.00	17.8	
Total Xylenes*	<0.150	0.150	02/07/2013	ND	6.02	100	6.00	17.0	
Total BTEX	<0.300	0.300	02/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 106 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	02/06/2013	ND	432	108	400	3.64	
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	02/06/2013	ND	202	101	200	4.59	
DRO >C10-C28	<10.0	10.0	02/06/2013	ND	179	89.4	200	6.05	

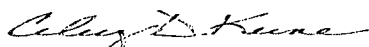
Surrogate: 1-Chlorooctane 80.7 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.9 % 63.6-154

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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:	02/05/2013	Sampling Date:	02/04/2013
Reported:	02/12/2013	Sampling Type:	Soil
Project Name:	STERLING 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ SURFACE (H300324-10)

BTEX 8021B		mg/kg		Analyzed By: AP					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	11.0	1.00	02/07/2013	ND	1.94	97.1	2.00	17.9		
Toluene*	67.0	1.00	02/07/2013	ND	1.96	98.1	2.00	17.4		
Ethylbenzene*	33.7	1.00	02/07/2013	ND	1.96	97.9	2.00	17.8		
Total Xylenes*	123	3.00	02/07/2013	ND	6.02	100	6.00	17.0		
Total BTEX	235	6.00	02/07/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 175 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	8930	16.0	02/06/2013	ND	432	108	400	3.64		
TPH 8015M		mg/kg								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	7370	50.0	02/06/2013	ND	202	101	200	4.59		
DRO >C10-C28	13400	50.0	02/06/2013	ND	179	89.4	200	6.05		

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	7370	50.0	02/06/2013	ND	202	101	200	4.59		
DRO >C10-C28	13400	50.0	02/06/2013	ND	179	89.4	200	6.05		

Surrogate: 1-Chlorooctane 199 % 65.2-140

Surrogate: 1-Chlorooctadecane 355 % 63.6-154

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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:	02/05/2013	Sampling Date:	02/04/2013
Reported:	02/12/2013	Sampling Type:	Soil
Project Name:	STERLING 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

Sample ID: SP 4 @ 2' (H300324-11)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2013	ND	1.94	97.1	2.00	17.9	
Toluene*	<0.050	0.050	02/07/2013	ND	1.96	98.1	2.00	17.4	
Ethylbenzene*	<0.050	0.050	02/07/2013	ND	1.96	97.9	2.00	17.8	
Total Xylenes*	<0.150	0.150	02/07/2013	ND	6.02	100	6.00	17.0	
Total BTEX	<0.300	0.300	02/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 118 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	02/06/2013	ND	432	108	400	3.64	

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	02/06/2013	ND	202	101	200	4.59	
DRO >C10-C28	195	10.0	02/06/2013	ND	179	89.4	200	6.05	

Surrogate: 1-Chlorooctane 82.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 98.2 % 63.6-154

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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: 02/05/2013
Reported: 02/12/2013
Project Name: STERLING 3 6 BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 02/04/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 @ 3' (H300324-12)

BTEX 8021B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/07/2013	ND	1.94	97.1	2.00	17.9	
Toluene*	<0.050	0.050	02/07/2013	ND	1.96	98.1	2.00	17.4	
Ethylbenzene*	<0.050	0.050	02/07/2013	ND	1.96	97.9	2.00	17.8	
Total Xylenes*	<0.150	0.150	02/07/2013	ND	6.02	100	6.00	17.0	
Total BTEX	<0.300	0.300	02/07/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	896	16.0	02/06/2013	ND	432	108	400	3.64	

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	02/06/2013	ND	202	101	200	4.59	
DRO >C10-C28	<10.0	10.0	02/06/2013	ND	179	89.4	200	6.05	

Surrogate: 1-Chlorooctane 86.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 107 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

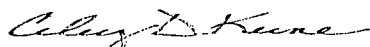
Notes and Definitions

- 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.
- 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

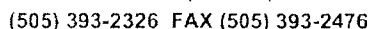
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Celey D. Keene, Lab Director/Quality Manager



1 of 2

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

**CARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

Company Name: BBC International, Inc.				BILL TO												ANALYSIS REQUEST											
Project Manager: Cliff Brunson				P.O. #:				<div style="display: flex; flex-direction: column; align-items: center;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">CL-</div> </div>																			
Address: P.O. Box 805				Company:																							
City: Hobbs State: NM Zip: 88241				Attn:																							
Phone #: 575-397-6388 Fax #: 575-397-0397				Address: <i>Same</i>																							
Project #: Project Owner: <i>OKY</i>				City:																							
Project Name: <i>STERLING 36 Batt</i>				State: Zip:																							
Project Location:				Phone #:																							
Sampler Name: <i>ROYER HERNANDEZ</i>				Fax #:																							

FOR LAB USE ONLY		G/RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.			SAMPLING		DATE	TIME	TPH	BTEX	CL-
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER						
<i>11300324</i>	<i>SP 4 @ Surface</i>	<i>C</i>	<i>1</i>			<i>✓</i>					<i>✓</i>			<i>2.4.13</i>	<i>105</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>11</i>	<i>C 2'</i>	<i>C</i>	<i>1</i>			<i>✓</i>					<i>✓</i>			<i>2.4.13</i>	<i>132</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>12</i>	<i>C 3'</i>	<i>C</i>	<i>1</i>			<i>✓</i>					<i>✓</i>			<i>2.4.13</i>	<i>147</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>

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Relinquished By: <i>[Signature]</i>	Date: <i>2.5.13</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <i>2:55</i>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)		Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other: <i>42</i>		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<i>[Signature]</i>	

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

#26

Laboratory Analytical Results Summary
Sterling Silver 3 Federal #6 Battery

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
Analyte	Method	Date	3/12/13	3/12/13	3/12/13	3/12/13
			mg/Kg	mg/Kg	mg/Kg	mg/kg
Chloride	SM4500Cl-B		3200	1480	144	304

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
Analyte	Method	Date	3/12/13	3/12/13	3/12/13	3/12/13
			mg/Kg	mg/Kg	mg/Kg	mg/kg
Chloride	SM4500Cl-B		3320	1390	144	272

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	3/12/13	3/12/13	3/12/13	3/12/13
			mg/Kg	mg/Kg	mg/Kg	mg/kg
Chloride	SM4500Cl-B		4080	1700	80	256

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'	SP4 @ 4'
Analyte	Method	Date	3/12/13	3/12/13	3/12/13	3/12/13
			mg/Kg	mg/Kg	mg/Kg	mg/kg
Chloride	SM4500Cl-B		3960	1410	128	240



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

March 13, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STERLING SILVER 3 6 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/13/13 9:45.

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/qa/lab_accred_certif.html.

Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in cursive script, reading "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/13/2013
Reported: 03/13/2013
Project Name: STERLING SILVER 3 6 BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/12/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 1 @ 1' (H300625-01)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3200	16.0	03/13/2013	ND	432	108	400	3.64	

Sample ID: SP 1 @ 2' (H300625-02)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1480	16.0	03/13/2013	ND	432	108	400	3.64	

Sample ID: SP 1 @ 3' (H300625-03)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/13/2013	ND	432	108	400	3.64	

Sample ID: SP 1 @ 4' (H300625-04)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	03/13/2013	ND	432	108	400	3.64	

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 03/13/2013
Reported: 03/13/2013
Project Name: STERLING SILVER 3 6 BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/12/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 2 @ 1' (H300625-05)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3320	16.0	03/13/2013	ND	432	108	400	3.64		

Sample ID: SP 2 @ 2' (H300625-06)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW.					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1390	16.0	03/13/2013	ND	432	108	400	3.64	

Sample ID: SP 2 @ 3' (H300625-07)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	03/13/2013	ND	432	108	400	3.64	

Sample ID: SP 2 @ 4' (H300625-08)

Chloride, SM4500CI-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	03/13/2013	ND	432	108	400	3.64	

Sample ID: SP 3 @ 1' (H300625-09)

Chloride, SM4500CI-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4080	16.0	03/13/2013	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



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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: 03/13/2013
Reported: 03/13/2013
Project Name: STERLING SILVER 3 6 BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/12/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 3 @ 2' (H300625-10)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1700	16.0	03/13/2013	ND	432	108	400	3.64	

Sample ID: SP 3 @ 3' (H300625-11)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	03/13/2013	ND	432	108	400	3.77	

Sample ID: SP 3 @ 4' (H300625-12)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	03/13/2013	ND	432	108	400	3.77	

Sample ID: SP 4 @ 1' (H300625-13)

Chloride, SM4500Cl-B		mg/kg	Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3960	16.0	03/13/2013	ND	432	108	400	3.77	

Sample ID: SP 4 @ 2' (H300625-14)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1410	16.0	03/13/2013	ND	432	108	400	3.77	

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Celey D. Keene, Lab Director/Quality Manager



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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: 03/13/2013
Reported: 03/13/2013
Project Name: STERLING SILVER 3 6 BATTERY
Project Number: NONE GIVEN
Project Location: NOT GIVEN

Sampling Date: 03/12/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

Sample ID: SP 4 @ 3' (H300625-15)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	128	16.0	03/13/2013	ND	432	108	400	3.77		

Sample ID: SP 4 @ 4' (H300625-16)

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	240	16.0	03/13/2013	ND	432	108	400	3.77		

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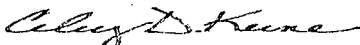
Notes and Definitions

- 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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Celey D. Keene, Lab Director/Quality Manager



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101 East Marland, Hobbs, NM 88240

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 2

Page 7 of 8

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST											
Project Manager: Cliff Brunson		P.O. #:													
Address: P.O. Box 805		Company:													
City: Hobbs State: NM Zip: 88241		Attn:													
Phone #: 575-397-6388 Fax #: 575-397-0397		Address: SAME													
Project #:		City:													
Project Name: Sterling Silver 3 6 Batt		State: Zip:													
Project Location:		Phone #:													
Sampler Name:		Fax #:													

FOR LAB USE ONLY		G/RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		SAMPLING		DATE	TIME	CL-
Lab I.D.	Sample I.D.			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE/COOL	OTHER				
H300625	SP1 @ 1'	G	1			✓				✓				3-12-13	930	✓
	2'	G	1			✓				✓				3-12-13	945	✓
	3'	G	1			✓				✓				3-12-13	1000	✓
	4'	G	1			✓				✓				3-12-13	1020	✓
	SP2 @ 1'	G	1			✓				✓				3-12-13	1040	✓
	2'	G	1			✓				✓				3-12-13	1050	✓
	3'	G	1			✓				✓				3-12-13	1105	✓
	4'	G	1			✓				✓				3-12-13	1120	✓
	SP3 @ 1'	G	1			✓				✓				3-12-13	1138	✓
	2'	G	1			✓				✓				3-12-13	1155	✓

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Relinquished By:	Date: 3-12-13 Time: 9:45	Received By:	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS: LUSH!! save samples
Relinquished By:	Date:	Received By:	Add'l Phone #: Add'l Fax #:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	50	Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY:

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

#26



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 2

Page 8 of 8

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST																			
Project Manager: Cliff Brunson		P.O. #:																					
Address: P.O. Box 805		Company:																					
City: Hobbs State: NM Zip: 88241		Attn:																					
Phone #: 575-397-6388 Fax #: 575-397-0397		Address: SAME																					
Project #: Project Owner: DXY		City:																					
Project Name: STERLING SILVER 3 6 Batt		State: Zip:																					
Project Location:		Phone #:																					
Sampler Name: DOGER HERNANDEZ		Fax #:																					
FOR LAB USE ONLY		MATRIX		PRESERV.		SAMPLING																	
Lab I.D.	Sample I.D.	(GRAB OR COMPOUND)	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME									
H3000625																							
11	SP3 @ 3'	G	1			✓				✓			3-12-13	1209	✓								
12	@ 4'	G	1			✓				✓			3-12-13	1215	✓								
13	SP4 @ 1'	G	1			✓				✓			3-12-13	1225	✓								
14	@ 2'	G	1			✓				✓			3-12-13	1240	✓								
15	@ 3'	G	1			✓				✓			3-12-13	1250	✓								
16	@ 4'	G	1			✓				✓			3-12-13	110	✓								

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Relinquished By: <i>[Signature]</i>	Date: 3.13.13	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: 4:45		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)		Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:		Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	<i>[Signature]</i>	
		Yes <input type="checkbox"/> No <input type="checkbox"/>		

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

#26

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised 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, NM	Telephone No.	(575) 397-8216
Facility Name	Sterling Silver 3 Federal #6 Battery	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		Lease No.	NM-55142

LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	3	24S	31E	1980	North	2310	West	Eddy

Latitude N 32.24812° Longitude W 103.76672°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	200 bbls water, 1 bbl oil	Volume Recovered	180 bbls
Source of Release	Rubber brushing failure between pump and motor caused tank to spill over	Date and Hour of Occurrence	1/23/13	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom? Mike Bratcher- OCD; James Amos- BLM			
By Whom?	Chancey Summers	Date and Hour 1/24/13 @ 1:54 pm			
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*

Describe Cause of Problem and Remedial Action Taken.*

Rubber brushing failure between a pump and motor caused a tank to spill over releasing 200 bbls of produced water and 1 bbl of oil onto the ground. 180 bbls were recovered via vacuum truck and the brushing was repaired.

Describe Area Affected and Cleanup Action Taken.*

Rubber brushing failure between a pump and motor caused a tank to spill over releasing 200 bbls of produced water and 1 bbl of oil onto the ground. 180 bbls were recovered via vacuum truck and the brushing was repaired. Remediation will be performed in accordance with an OCD and BLM 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.

OIL CONSERVATION DIVISION

Signature:

Printed Name: Chancey Summers

Title: HES Specialist

E-mail Address: Chancey.Summers@oxy.com

Date:

2-4-13

Phone: (575) 397-8216

Approved by District Supervisor:

Approval Date:

Expiration Date:

Conditions of Approval:

Attached ☐

* Attach Additional Sheets If Necessary