



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

OXY – STERLING SILVER 3 FEDERAL #6 CTB

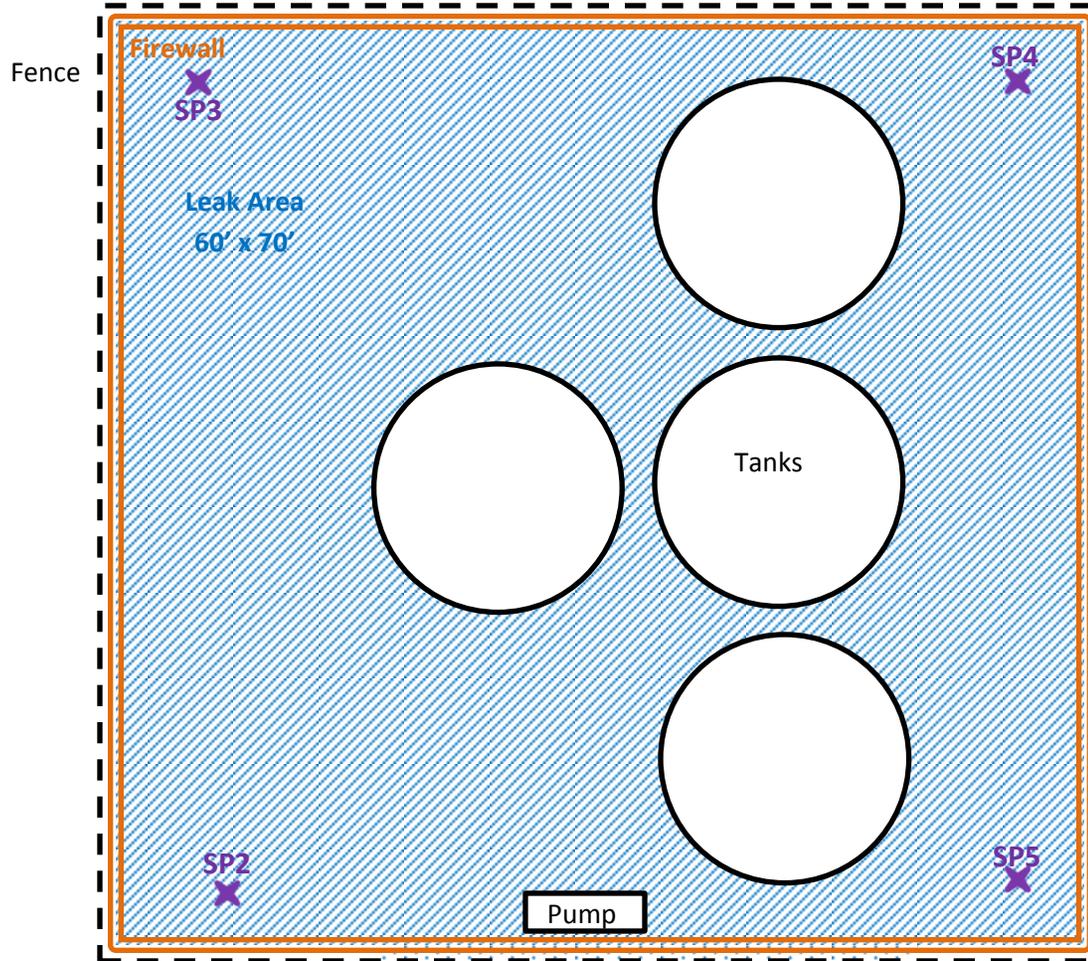
REMEDIATION PLAN

OXY will excavate the spill area as depicted on the following site diagram. The entire spill area will be excavated to a depth of 3 feet. The overspray are will be back dragged. All excavated materials will be disposed of at an NMOCD-approved disposal facility.

The site will then be backfilled with clean soil.



Oxy
Sterling Silver 3 Federal #6 CTB



3' excavation

U/L F, Section 3, T24S, R31E
Eddy County, NM
N 32.24825° W 103.76642°
API# 30-015-027638

Location

Pasture

BBC International, Inc.

Oxy
Sterling Silver 3 Federal #6 CTB

Date: 03/25/2015 | DRWG by: K. Purvis

NOT TO SCALE | File: Oxy 2015

Groundwater Plot

Oxy Sterling Silver 3 Federal #6

County
Eddy

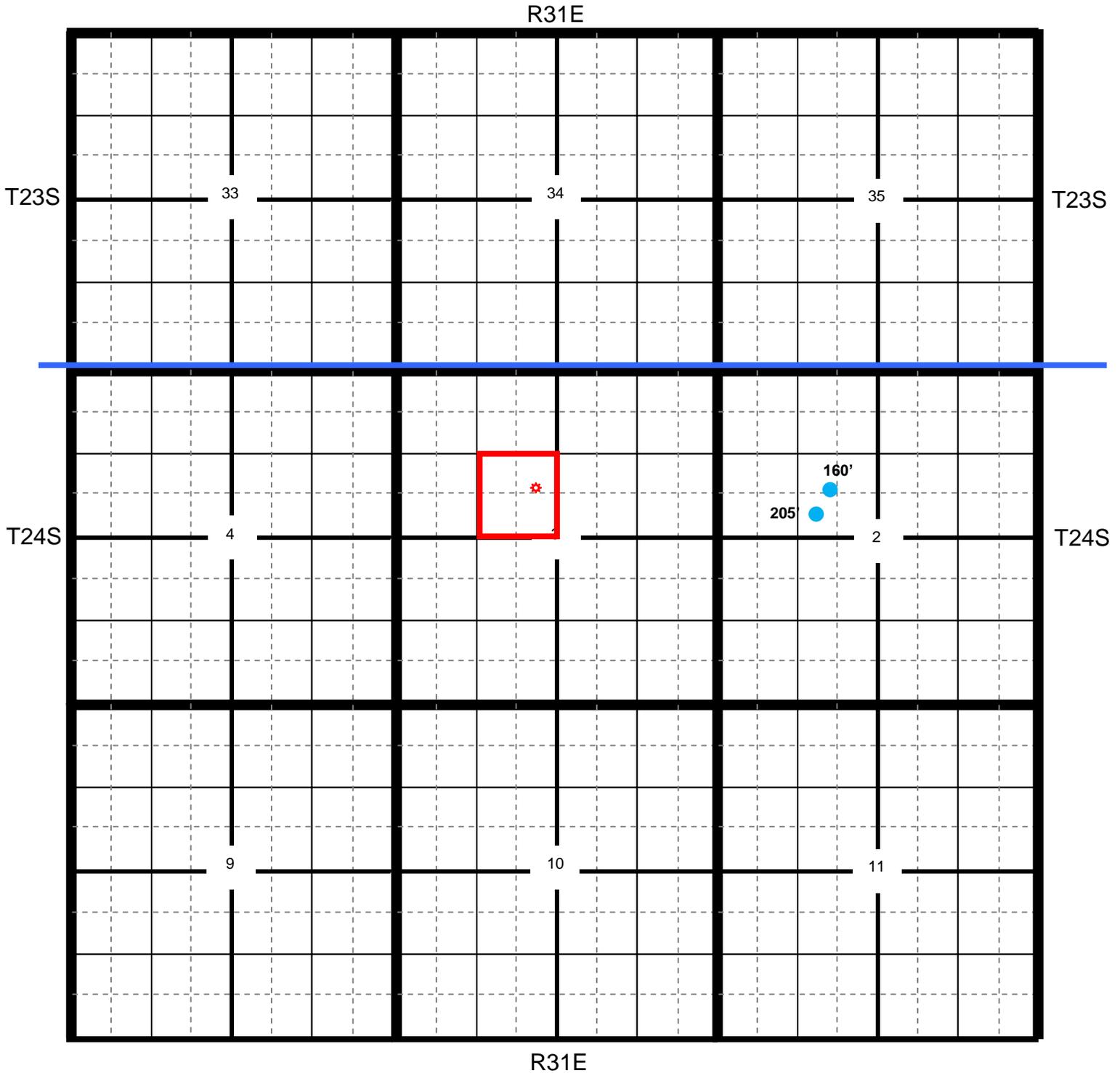
Unit Letter
F

Section
3

Township
24S

Range
31E

Trend Map 400'



📍 Location

● OCD

● USGS

● SEO

● All Databases

Oxy Sterling Silver 3 Federal #6

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

Trend Map 400'

1

2

NW/NW NONE	NE/NW	NW/NE	NE/NE
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW 	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

4

**Laboratory Analytical Results Summary
Sterling Silver 3 Federal #6 CTB**

		Sample	SP1 @ 1'
Analyte	Method	Date	5/6/15
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		87

		Sample	SP5 @ 1'	SP5 @ 3'	SP5 @ 5'	SP5 @ 7'	SP5 @ 8'	SP5 @ 9'
Analyte	Method	Date	5/7/15	5/7/15	5/7/15	5/7/15	5/7/15	5/7/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		12500	2200	1180	1260	592	64
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		25.1	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample	SP2 @ 1'	SP2 @ 3'
Analyte	Method	Date	5/6/15	5/6/15
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300
Chloride	SM4500Cl-B		3760	<16.0
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		191	<10.0

		Sample	SP3 @ 1'	SP3 @ 3'	SP3 @ 5'	SP3 @ 6'
Analyte	Method	Date	5/6/15	5/6/15	5/6/15	5/6/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		2000	3000	704	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample	SP4 @ 1'	SP4 @ 3'	SP4 @ 5'	SP4 @ 7'	SP4 @ 8'
Analyte	Method	Date	5/6/15	5/7/15	5/7/15	5/7/15	5/7/15
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		8560	11200	3760	2600	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	185	<10.0	<10.0



May 14, 2015

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

RE: STERLING SILVER "3" FED #6

Enclosed are the results of analyses for samples received by the laboratory on 05/08/15 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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	05/08/2015	Sampling Date:	05/06/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 1@ 1 (H501193-01)

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	05/12/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/12/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/12/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/12/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/11/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	87.0	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 92.8 % 47.2-157
Surrogate: 1-Chlorooctadecane 103 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/08/2015	Sampling Date:	05/06/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 2 @ 1 (H501193-02)

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	05/12/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/12/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/12/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/12/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	05/11/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	191	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 96.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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

Received:	05/08/2015	Sampling Date:	05/06/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 2 @ 3 (H501193-03)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2015	ND	1.93	96.5	2.00	1.34		
Toluene*	<0.050	0.050	05/12/2015	ND	2.07	104	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/12/2015	ND	2.00	100	2.00	4.16		
Total Xylenes*	<0.150	0.150	05/12/2015	ND	5.92	98.7	6.00	5.17		
Total BTEX	<0.300	0.300	05/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/11/2015	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72		
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93		

Surrogate: 1-Chlorooctane 96.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

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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:	05/08/2015	Sampling Date:	05/06/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 3 @ 1 (H501193-04)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2015	ND	1.93	96.5	2.00	1.34		
Toluene*	<0.050	0.050	05/12/2015	ND	2.07	104	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/12/2015	ND	2.00	100	2.00	4.16		
Total Xylenes*	<0.150	0.150	05/12/2015	ND	5.92	98.7	6.00	5.17		
Total BTEX	<0.300	0.300	05/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2000	16.0	05/11/2015	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72		
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93		

Surrogate: 1-Chlorooctane 96.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

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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:	05/08/2015	Sampling Date:	05/06/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 3 @ 3 (H501193-05)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/12/2015	ND	1.93	96.5	2.00	1.34		
Toluene*	<0.050	0.050	05/12/2015	ND	2.07	104	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/12/2015	ND	2.00	100	2.00	4.16		
Total Xylenes*	<0.150	0.150	05/12/2015	ND	5.92	98.7	6.00	5.17		
Total BTEX	<0.300	0.300	05/12/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	3000	16.0	05/11/2015	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72		
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93		

Surrogate: 1-Chlorooctane 102 % 47.2-157
Surrogate: 1-Chlorooctadecane 108 % 52.1-176

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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:	05/08/2015	Sampling Date:	05/06/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 3 @ 5 (H501193-06)

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	05/12/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/12/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/12/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/12/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	704	16.0	05/11/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 97.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/08/2015	Sampling Date:	05/06/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 3 @ 6 (H501193-07)

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	05/12/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/12/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/12/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/12/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	05/11/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 99.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 107 % 52.1-176

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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:	05/08/2015	Sampling Date:	05/06/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 4 @ 1 (H501193-08)

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	05/12/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/12/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/12/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/12/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8560	16.0	05/11/2015	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 96.3 % 47.2-157
Surrogate: 1-Chlorooctadecane 102 % 52.1-176

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 Cliff Brunson
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Received:	05/08/2015	Sampling Date:	05/07/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 4 @ 3 (H501193-09)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/12/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/12/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/12/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/12/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	11200	16.0	05/11/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 98.7 % 47.2-157
Surrogate: 1-Chlorooctadecane 104 % 52.1-176

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Received:	05/08/2015	Sampling Date:	05/07/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 4 @ 5 (H501193-10)

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	05/13/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/13/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/13/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/13/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3760	16.0	05/11/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	185	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 99.4 % 47.2-157
Surrogate: 1-Chlorooctadecane 113 % 52.1-176

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Received:	05/08/2015	Sampling Date:	05/07/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 4 @ 7 (H501193-11)

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	05/13/2015	ND	1.93	96.5	2.00	1.34		
Toluene*	<0.050	0.050	05/13/2015	ND	2.07	104	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/13/2015	ND	2.00	100	2.00	4.16		
Total Xylenes*	<0.150	0.150	05/13/2015	ND	5.92	98.7	6.00	5.17		
Total BTEX	<0.300	0.300	05/13/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2600	16.0	05/11/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72		
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93		

Surrogate: 1-Chlorooctane 98.0 % 47.2-157
Surrogate: 1-Chlorooctadecane 104 % 52.1-176

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Received:	05/08/2015	Sampling Date:	05/07/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 4 @ 8 (H501193-12)

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	05/13/2015	ND	1.93	96.5	2.00	1.34		
Toluene*	<0.050	0.050	05/13/2015	ND	2.07	104	2.00	4.46		
Ethylbenzene*	<0.050	0.050	05/13/2015	ND	2.00	100	2.00	4.16		
Total Xylenes*	<0.150	0.150	05/13/2015	ND	5.92	98.7	6.00	5.17		
Total BTEX	<0.300	0.300	05/13/2015	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	05/11/2015	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72		
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93		

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

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 Fax To: (575) 397-0397

Received:	05/08/2015	Sampling Date:	05/07/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 5 @ 1 (H501193-13)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/13/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/13/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/13/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12500	16.0	05/11/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	25.1	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 94.9 % 47.2-157
Surrogate: 1-Chlorooctadecane 100 % 52.1-176

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	05/08/2015	Sampling Date:	05/07/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 5 @ 3 (H501193-14)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/13/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/13/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/13/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2200	16.0	05/11/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 96.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

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 Fax To: (575) 397-0397

Received:	05/08/2015	Sampling Date:	05/07/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 5 @ 5 (H501193-15)

BTEX 8021B		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/13/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/13/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/13/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1180	16.0	05/11/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 94.0 % 47.2-157
Surrogate: 1-Chlorooctadecane 105 % 52.1-176

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Received:	05/08/2015	Sampling Date:	05/07/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 5 @ 7 (H501193-16)

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	05/13/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/13/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/13/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/13/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1260	16.0	05/11/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 95.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/08/2015	Sampling Date:	05/07/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 5 @ 8 (H501193-17)

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	05/13/2015	ND	1.93	96.5	2.00	1.34	
Toluene*	<0.050	0.050	05/13/2015	ND	2.07	104	2.00	4.46	
Ethylbenzene*	<0.050	0.050	05/13/2015	ND	2.00	100	2.00	4.16	
Total Xylenes*	<0.150	0.150	05/13/2015	ND	5.92	98.7	6.00	5.17	
Total BTEX	<0.300	0.300	05/13/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	592	16.0	05/11/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 95.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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

Received:	05/08/2015	Sampling Date:	05/07/2015
Reported:	05/14/2015	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

Sample ID: SP 5 @ 9 (H501193-18)

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	05/12/2015	ND	1.84	92.1	2.00	0.663	
Toluene*	<0.050	0.050	05/12/2015	ND	1.94	96.9	2.00	0.538	
Ethylbenzene*	<0.050	0.050	05/12/2015	ND	1.82	91.1	2.00	2.58	
Total Xylenes*	<0.150	0.150	05/12/2015	ND	5.37	89.5	6.00	2.54	
Total BTEX	<0.300	0.300	05/12/2015	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	05/11/2015	ND	432	108	400	3.77	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	05/09/2015	ND	193	96.7	200	2.72	
DRO >C10-C28	<10.0	10.0	05/09/2015	ND	201	101	200	3.93	

Surrogate: 1-Chlorooctane 92.1 % 47.2-157
Surrogate: 1-Chlorooctadecane 97.3 % 52.1-176

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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



Celey D. Keene, Lab Director/Quality Manager



CARDINAL LABORATORIES

101 East Marland, Hobbs, NM 88240
(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1/2

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST

Project Manager: Cliff Brunson P.O. #: _____ Company: _____

Address: P.O. Box 805 State: NM Zip: 88241 Attn: _____

City: Hobbs State: NM Zip: 88241 Address: _____

Phone #: 575-397-6388 Fax #: 575-397-0397 City: _____

Project #: _____ Project Owner: Oxy State: _____

Project Name: Sterling Silver 3 Fed #6 CTB State: _____

Project Location: 128 Phone #: _____

Sampler Name: Jeff Ornelas Fax #: _____

FOR LAB USE ONLY

Lab I.D. H50193 Sample I.D. _____

Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.		DATE	TIME	BTEX	TPH	CL-
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
SP101	G	1	X		X			X		5-6	1020	X	X	X	
SP201	G	1	X		X			X			1115	X	X	X	
SP301	G	1	X		X			X			1200	X	X	X	
SP401	G	1	X		X			X			130	X	X	X	
SP501	G	1	X		X			X			201	X	X	X	
SP601	G	1	X		X			X			250	X	X	X	
SP701	G	1	X		X			X			300	X	X	X	
SP801	G	1	X		X			X			316	X	X	X	
SP901	G	1	X		X			X			909	X	X	X	
SP1001	G	1	X		X			X			1028	X	X	X	

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Relinquished By: Jeff Ornelas Date: 5-0-15 Received By: Wade Mervin

Relinquished By: Jeff Ornelas Date: 11-00 Received By: Wade Mervin

Delivered By: (Circle One) Sample Condition: Cool Intact Yes No

Sampler - UPS - Bus - Other: -8.602 CHECKED BY: (initials)

REMARKS: #54

† 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

2/2

Company Name: BBC International, Inc. **BILL TO** ANALYSIS REQUEST
 Project Manager: Cliff Brunson P.O. #:
 Address: P.O. Box 805 Company:
 City: Hobbs Attn:
 Phone #: 575-397-6388 State: NM Zip: 88241
 Project #: Fax #: 575-397-0397
 Project Name: Sterling Silver 3 Fed #6 CTB City: Jemo
 Project Location: 12g State: zip:
 Sampler Name: Cliff Brunson Phone #:
 FOR LAB USE ONLY Fax #:

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV			DATE	TIME	X	X	X	X	X
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL							
11	SP407	G	1			X				X		5-7	1127	X	X	X	X	X
12	SP408	G	1			X				X			437	X	X	X	X	X
13	SP501	G	1			X				X			1149	X	X	X	X	X
14	03	G	1			X				X			108	X	X	X	X	X
15	05	G	1			X				X			209	X	X	X	X	X
16	07	G	1			X				X			246	X	X	X	X	X
17	08	G	1			X				X			301	X	X	X	X	X
18	09	G	1			X				X			328	X	X	X	X	X

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 analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates, or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: *Cliff Brunson* Date: *5-8-15* Received By: *Wade Jensen* Time: *11:00*

Delivered By: (Circle One) UPS Bus Other: *-8.62* Sample Condition: Cool Intact Yes No Yes No

Checked By: *[Signature]* (Initials) *[Signature]*

REMARKS: *#54*

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	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Sterling Silver 3 Federal #6 CTB	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	
		API No.	30-01527638

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					Eddy

Latitude N 32.24813° Longitude W 103.76643°

NATURE OF RELEASE

Type of Release	Oil and Produced water	Volume of Release	30 bbls oil, 170 bbls produced water	Volume Recovered	20 bbls oil
Source of Release	Water transfer pump malfunction caused tank spill	Date and Hour of Occurrence	03/04/2015	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, Heather Patterson- NMOCD; Sol Hughes-BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	03/05/2015		
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.*
Malfunction of a water transfer pump caused a tank to spill 30 bbls of oil and 170 bbls of produced water onto the ground. A vacuum truck recovered 20 bbls of oil and the pump was repaired/reset.

Describe Area Affected and Cleanup Action Taken.*
The affected area is approximately 50' x 50' on location within the containment area. Remediation will be completed in accordance with a remediation plan approved by both NMOCD and the BLM.

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: Chris Jones	Digitally signed by Chris Jones DN: cn=Chris Jones, o, ou, email=ckjones888@yahoo.com, c=US Date: 2015.03.23 10:36:53 -05'00'	OIL CONSERVATION DIVISION	
Printed Name: Christopher Jones	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Christopher_jones@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 3/23/15	Phone: (575) 628-4121		

* Attach Additional Sheets If Necessary