Oil Conservation Division 1220 South St. Francis Dr.

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

1220 5. 51, 1181		a re, nivi 8750.	, 	S	anta F	e, NM 875	05					side of form
			Rele	ease Notifi	catio	n and Co	orrective A	ction				
						<b>OPERA</b>	FOR		🛛 Initi	al Report		Final Report
Name of Co	mpany	Oxy Permia	n Ltd.				Christopher Jone			ar respond		I mai Roport
		ommerce Di	r., Carlsb	ad, NM		Telephone 1						
Facility Nar	ne Sterli	ng Silver 3 I	Federal #	6 CTB		Facility Typ	e Battery					
Surface Ow	ner BLM	4		Mineral (	Dwner				API No	. 30-0152	7638	
				LOCA	ATIO	N OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/W	est Line	County		
F	3	24\$	31E							Eddy		
		210			10120		1 111 100 8444					
			I	Latitude <u>N 32,2</u>		-	de <u>W 103.7664</u>	.30				
				NAT	URE	OF RELI				· · · · · · · · · · · · · · · · · · ·		
Type of Relea	ase Oil ai	nd Produced v	vater			Volume of	Release 30 bb oduced water	ols oil,	Volume F	Recovered	20 bbls	oil
Source of Rel	lease Wate	er transfer pun	np malfun	ction caused tank	spill		our of Occurrenc	e	Date and	Hour of Dis	covery	
Was Immedia	ate Notice C	diven?				If YES, To						
		$\boxtimes$	Yes 🗖	No 🔲 Not R	equired		her, Heather Patt	erson- NI	MOCD; S	ol Hughes-I	BLM	
By Whom?	Kathy Pur	vis, BBC Inte	rnational			Date and H	our 03/05/201	5				
Was a Water	ourse Reac	hed?		No		If YES, Vo	lume Impacting t	he Water	course.			
If a Watercou										· · · · · · · · · · · · · · · · · · ·		
Describe Cau Malfunction of bbls of oil and	of a water tr	ansfer pump c	aused a ta	n Taken.* nk to spill 30 bbl	s of oil a	and 170 bbls c	f produced water	onto the	ground.	A vacuum t	ruck rea	covered 20
Describe Area	Affected a	nd Clamma	ation Tal									
The affected a plan approved	urea is appro l by both N	oximately 50' MOCD and th	x 50' on I le BLM,	ocation within the								
regulations all public health of should their op	l operators a or the envir perations ha ment. In ac	are required to onment. The ave failed to a dition, NMO	report an acceptanc dequately CD accept	is true and compl d/or file certain re e of a C-141 repo investigate and re ance of a C-141 r	elease no rt by the emediate	otifications an NMOCD ma e contaminatic	d perform correct rked as "Final Re n that pose a thre	tive action eport" do eat to grou	ns for rele es not relie und water.	eases which eve the oper , surface wa	may en ator of ter, hur	danger liability nan health
Signature:	hris	Jones	Digitally sig DN: cn=Chi email=ckjo	ned by Chris Jones 15 Jones, o, ou, nes888@yahoo.com, c= 03,23 10:36:53 -05'00'	:US		OIL CONS	SERVA	TION	DIVISIC	<u>N</u>	
Printed Name:		oher Jones		<u></u>		Approved by I	District Superviso	or;				
Title: HES	Specialist			····· ·	A	Approval Date		Ex	piration I	Date:		
E-mail Addres	ss: Christ	opher jones@	loxy.com			Conditions of	Approval:				_	
Date: 3/2	3/15			ne: (575) 628-412			T. Ta T. Ta T. Ta			Attached		
	an al Cl	te If Necessa		(0,0) 020 112	·•					l		

\* Attach Additional Sheets If Necessary

**Oil Conservation Division** 

1220 South St. Francis Dr.

Form C-141 Revised October 10, 2003

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

# Santa Fe, NM 87505 Release Notification and Corrective Action

		<b>OPERATOF</b>	<u>t</u>		Initial Repo	ort 🛛	Final Report
Name of Company Oxy Permian Ltd.		Contact Case	y Summers				
Address 6 Desta Drive, Midland, TX 79705		Telephone No.	(575) 513-8289	)			
Facility Name Sterling Silver 3 Federal #6 CTI	B	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	<u>2</u> 4S	31E					Eddy

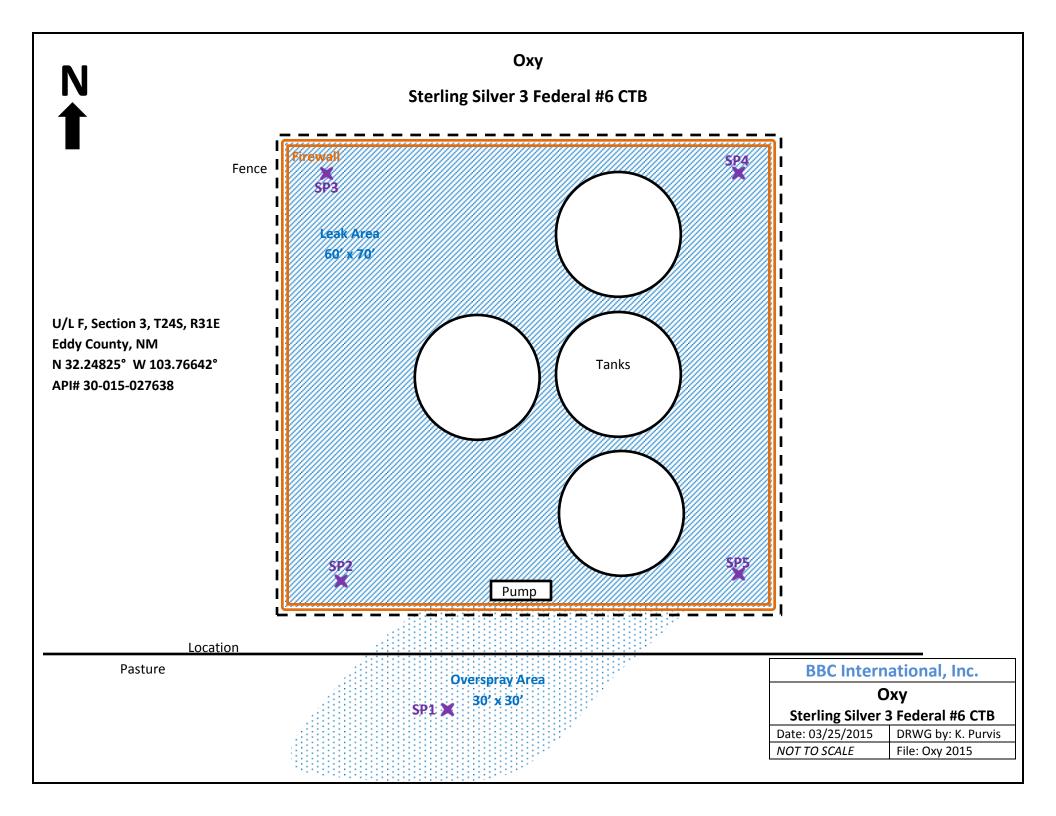
Latitude N 32.24813°

<u>3°</u> Longitude <u>W 103.76643°</u>

### NATURE OF RELEASE

Type of Release Oil and Produced water	Volume of Release 30 bbls oil, 170 bbls produced water	Volume Re	ecovered 20 bbls oil
Source of Release Water transfer pump malfunction caused tank spill	Date and Hour of Occurrence 03/04/2015	Date and H	four of Discovery
Was Immediate Notice Given?	If YES, To Whom?		
🛛 Yes 🗌 No 🔲 Not Required	Mike Bratcher, Heather Patterson-	NMOCD, So	l Hughes-BLM
By Whom? Kathy Purvis, BBC International	Date and Hour 03/05/2015		
Was a Watercourse Reached?	If YES. Volume Impacting the Wa	tercourse.	- <u></u>
If a Watercourse was Impacted, Describe Fully.*	I		
Describe Cause of Problem and Remedial Action Taken.*			
Malfunction of a water transfer pump caused a tank to spill 30 bbls of oil a bbls of oil and the pump was repaired/reset.	and 170 bbls of produced water onto t	the ground. A	A vacuum truck recovered 20
Describe Area Affected and Cleanup Action Taken.*			
The affected area is approximately 50' x 50' on location within the contain approved by Mike Bratcher of NMOCD via email on 8/19/2015 and by Sh	elly Tucker of the BLM via email on	08/19/2015.	
I hereby certify that the information given above is true and complete to the	e best of my knowledge and understa	and that pursu	ant to NMOCD rules and
regulations all operators are required to report and/or file certain release no	otifications and perform corrective ac	tions for relea	ases which may endanger
public health or the environment. The acceptance of a C-141 report by the	NMOCD marked as "Final Report"	does not relie	ve the operator of liability
should their operations have failed to adequately investigate and remediate or the environment. In addition, NMOCD acceptance of a C-141 report do	contamination that pose a threat to g	round water,	surface water, human health
federal, state, or local lays and/or regulations.	bes not reneve the operator of respons	sonny tor co	inpriance with any other
	OIL CONSERV	ATION I	DIVISION
Signature:			15
Printed Name: Casey Summers	Approved by District Supervisor:		
Title: NM Environmental Advisor	Approval Date:	Expiration D	ate
E-mail Address: Casey_Summers@oxy.com	Conditions of Approval:		Attached
Date: $1 - 16$ Phone: (575) 513-8289			

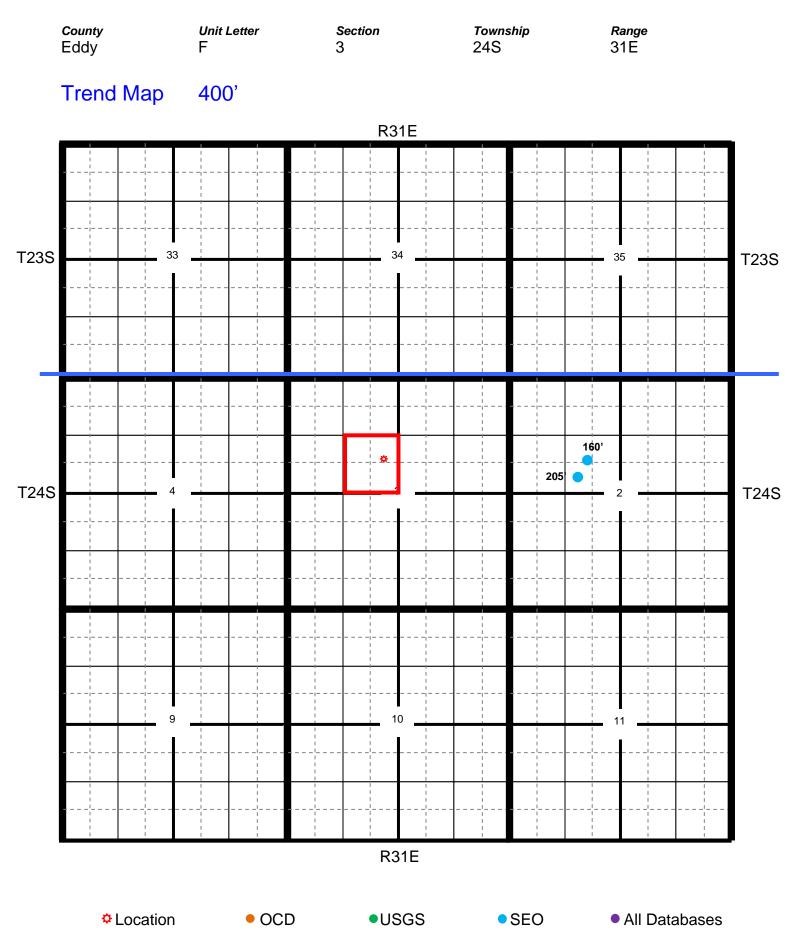
\* Attach Additional Sheets If Necessary





# **Groundwater Plot**

# Oxy Sterling Silver 3 Federal #6



### 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	SM4500CI-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		87

		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	SM4500CI-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	SM4500CI-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	SM4500CI-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

		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	SM4500CI-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



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 <a href="https://www.tceq.texas.gov/field/ga/lab\_accred\_certif.html">www.tceq.texas.gov/field/ga/lab\_accred\_certif.html</a>.

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,

Celey 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:	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	Analyze	d 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	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	103 9	52.1-17							

### **Cardinal Laboratories**

\*=Accredited Analyte

Celez 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:	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	Analyze	d 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	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	110 9	6 52.1-17	6						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	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	Analyze	d 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 9	61-154							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	105 9	52.1-17	6						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	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	Analyze	d 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 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	105 9	52.1-17	6						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	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	Analyze	d 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 9	61-154	!						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	108 9	% 52.1-17	6						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	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	Analyze	d 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, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	106 %	6 52.1-17	6						

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Celez 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:	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	Analyze	d 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 9	61-154							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	107 9	52.1-17	6						

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Celez D. Keine

Celey D. Keene, Lab Director/Quality Manager



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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	Analyze	d 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 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	102 9	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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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	Analyze	d 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 9	61-154							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	104 9	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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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	Analyze	d 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 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	113 9	% 52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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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	Analyze	d 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 9	61-154							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	104 9	52.1-17	6						

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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:	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	Analyze	d 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 9	61-154							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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 9	47.2-15	7						
Surrogate: 1-Chlorooctadecane	106 9	52.1-17	6						

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Celez 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:	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	Analyze	d 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	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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 \$	47.2-15	7						
Surrogate: 1-Chlorooctadecane	100 %	6 52.1-17	6						

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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:	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	Analyze	d 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 9	61-154							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	102 9	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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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 @ 5 (H501193-15)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2015	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 9	61-154							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	47.2-15	7						
Surrogate: 1-Chlorooctadecane	105 9	52.1-17	6						

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Celey D. Keene, Lab Director/Quality Manager



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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	Analyze	d 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 9	61-154							
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	101 9	52.1-17	6						

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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 @ 8 (H501193-17)

BTEX 8021B	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	05/13/2015	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 9	% 61-154	!						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	102 9	52.1-17	6						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez 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:	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	Analyze	d 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, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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 9	% 47.2-15	7						
Surrogate: 1-Chlorooctadecane	97.3 9	52.1-17	6						

#### Cardinal Laboratories

\*=Accredited Analyte

Celez D. Keine

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

#### Cardinal Laboratories

### \*=Accredited Analyte

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Celeg D. Keine

Celey D. Keene, Lab Director/Quality Manager

	BILL TO	ANALYSIS REQUEST
Address: P.O. Box 805	P.O. #:	
city: Hobbs state: NM	Zip: 88241 Attn:	
Phone #: 575-397-6388 Fax #: 575	-0397	
õ	OVV	
Project Name: Sterling Silver 31	the CTR	
	Phone #:	
Sampler Name: Veft Orme/2	Fax #:	
	MATRIX PRESERV SAMPLING	
	S ER A	
Lab I.D. Sample I.D.	R : ASE: OOL	
HSO193	# CON GROU	
12/02 2	6 1 X X 5-6 1020	ХX
4 Sp30/	X /2	
	X X Zo	××
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6 <240/		< ×
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10 2 S	E 1 1 2 2 5 7 10	
those for negligence and any other cause whatsoever rdinal be liable for incidental or consequental damages, <u>1</u> out of or related to the performance of services hereur	shall be deemed waived unless made in writing and received by communicy or une enround, pad by the client hor the including without imitiation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, data by Charlina increasion, or the interruptions.	i for the of the applicable sidiaries,
Relinquished By	Received By: Phone Result:	result: Yes No Add'I Phone #:
Relinquished By: Date:	Received By:	
n :		
Delivered By: (Circle One) Sampler - UPS - Bus - Other: $-8.69$	Sample Condition CHECKED BY: Cool Intact (Initials)	
T Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476	ax written changes to 505-393-2476	
	#54	

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Page 21 of 22

FORJES s, MM 88240 ) 393-2476 c. ret: NM zip: 88241 #: 575-397-0397 ect Owner: BXY G(G)RAB OR (C)OMP. Fax by Containers C(G)RAB OR (C)OMP. City: Ci	FORIES         S, MM 88240         ) 393-2476       P.O. #:         So       P.O. #:         Provement       P.O. #:         So       Phone #:         Phone #:       Preserve         Phone #:       Preserve         So       Preserve         Preserve       Preserve         Preserve       Preserve         Preserve       Preserve         Preserve       Preserve         Preserve        Preserve	PLEASE NOTE: Liability and Damages. Cardina's liability and client's exclusion analyses. All claims including those for negligence and any other cause whats service. In no event shall Cardinal be liable for inciderial or consequential damathilate or successors arising out of or related to the performance of services. Relinquished By:	Lab I.D. Sample I.D. $   \\    \\    \\    \\    \\    \\    \\   $	0. Box 805 5-397-6388 :: 5terling Sill	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 Company Name: BBC International, Inc. Project Manager: Cliff Brunson
	CHAIN-OF-CU	ve remedy for any claim arising whether based in contract or tort, sin cover shall be deemed waived unless made in writing and received t ages, including without limitation, business interruptions, loss of use, thereunder by Cardinal, regardless of whether such claim is based up Rederived By: Becelived By: Becelived By:	Image: state stat	NM         Zip:         88241         Company:           575-397-0397         Address:         Owner:         Address:           Owner:         ØXY         City:         City:           3         Feat         # 6 C78         State:           9         Feat         Phone #:         Fax #:	6 #

Page 22 of 22

### **Kathy Purvis**

From:	Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us></mike.bratcher@state.nm.us>
Sent:	Wednesday, August 19, 2015 7:18 AM
То:	Cliff Brunson; Shelly Tucker; Patterson, Heather, EMNRD
Cc:	C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	RE: OXY Sterling Silver 3 Federal #6 CTB - Remediation Plan

RE: OXY USA \* Sterling Silver 3 Fed 6 \* 30-015-27638 \* F-3-24s-31e \* 2RP-2908 Date of release: 3/4/15

Cliff,

Your proposal for remediation of the above referenced release is approved. Please advise if proposed excavation depths are not achieved. Federal sites require like approval by BLM.

OCD approval does not relieve the operator of liability should their operations fail to adequately investigate and remediate contamination that may pose a threat to ground water, surface water, human health or the environment. In addition, OCD approval does not relieve the operator of responsibility for compliance with any other federal, state, local laws and/or regulations.

If you have any questions or concerns, and for notification, please contact me.

Mike Bratcher NMOCD District 2 811 S. First Street Artesia, NM 88210 O: 575-748-1283 X108 C: 575-626-0857 F: 575-748-9720

From: Cliff Brunson [mailto:cbrunson@bbcinternational.com]
Sent: Monday, August 10, 2015 7:00 PM
To: Shelly Tucker; Bratcher, Mike, EMNRD; Patterson, Heather, EMNRD
Cc: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject: OXY Sterling Silver 3 Federal #6 CTB - Remediation Plan

Shelly and Mike,

On Wednesday, July 29, 2015, I was able to visit with both you about this site. I discussed the plan with Mike first, then met with Shelly later and both of you agreed to the same plan. Therefore, this e-mail is to confirm our discussion on Wednesday, July 29, 2015 concerning the remediation plan for the Oxy Sterling Silver 3 Federal #6 CTB. I have attached the information packet that we used in our discussion with a cover page describing the remediation plan that we agreed upon.

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

Thanks, Cliff

Cliff P. Brunson, CEI, CRS President BBC International, Inc. World-Wide Environmental Specialists Mailing Address: P. O. Box 805 Hobbs, NM 88241-0805 USA Shipping Address: 1324 W. Marland St. Hobbs, NM 88240 USA Phone: (575) 397-6388 Fax: (575) 397-6388 Fax: (575) 397-0397 E-Mail: <u>cbrunson@bbcinternational.com</u>

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\*\*\*\*\*

### **Kathy Purvis**

From: Sent:	Tucker, Shelly <stucker@blm.gov> Wednesday, August 19, 2015 11:31 AM</stucker@blm.gov>
То:	Bratcher, Mike, EMNRD
Cc:	Cliff Brunson; Patterson, Heather, EMNRD; C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis
Subject:	Re: OXY Sterling Silver 3 Federal #6 CTB - Remediation Plan

BLM accepts/approves your Work Plan.

The BLM approval does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, human health or the environment or if the location fails to reclaim properly. In such an event that the location does not revegetate, or future issues with contaminants are encountered, the operator will be asked to address the issues until the contaminant issues are fully mitigated and the location is successfully reclaimed. In addition, BLM approval does not relieve the operator of responsibility for compliance with any other federal, state or local laws/regulations.

## If you have any questions or concerns, please do not hesitate to contact me.

Sincerely,

Shelly J Tucker

Environmental Protection Specialist Bureau of Land Management

620 E. Greene St Carlsbad, NM 88220

575.234.5905 - Direct 575.361.0084 - Cellular

stucker@blm.gov



On Wed, Aug 19, 2015 at 7:17 AM, Bratcher, Mike, EMNRD <<u>mike.bratcher@state.nm.us</u>> wrote:

RE: OXY USA \* Sterling Silver 3 Fed 6 \* 30-015-27638 \* F-3-24s-31e \* 2RP-2908

Date of release: 3/4/15

Cliff,

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Mike Bratcher NMOCD District 2 811 S. First Street Artesia, NM 88210 O: 575-748-1283 X108 C: 575-626-0857 F: 575-748-9720

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