Closure Report

RECEIVED	_
APR 1 2 2013	
NMOCD ARTESIA	

1111 To 1211 To 1211	Site Description
Site Name:	Sterling Silver 3 #6 CTB
Company:	Oxy Permian Ltd.
Legal Description:	U/L F, Section 3, T24S, R31E
County:	Eddy County, NM
GPS Coordinates:	N 32.24782° W 103.76716°

Release Data							
Date of Release:	12/06/2011						
Type of Release:	Oil						
Source of Release:	1" valve left open						
Volume of Release:	65 bbls						
Volume Recovered:	0 bbls						

	Remediation Specifications
Remediation	Excavate areas around SP1, SP2, and SP4 to a depth of 1 foot. Excavate
Parameters:	the SP5 area to a depth of 2 feet. Excavate the area around SP3 to a depth of 4 feet. Perform confirmation sampling on bottoms and sidewalls of the excavation area and take a discreet sample at 7' at SP3 only. Backfill the excavation areas with clean soil. Seed the site with the appropriate BLM seed mixture.
Remediation Activities:	03/04/2013 to 03/18/2013

Plan Sent to OCD:	09/11/2012	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	11/15/2012	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	12/16/2012	Email from Cliff Brunson to James Amos
BLM Approval of Plan:	12/17/2012	Email from James Amos to Cliff Brunson

e Tiple e i a com	Supporting Documentation
Initial C-141	Signed 12/18/2012
Final C-141	Signed 04/08/2013
Site Diagrams	December 2011 and March 2013
Groundwater Plot	400'
TOPO Maps	March 2013
Lab Summary	12/29/2011 and 03/08/2013
Lab Analysis	12/29/2011 and 03/08/2013
Correspondence	Request and approval of remediation plan via email

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

04/09/2013

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

Form C-141 Revised October 10, 2003

APR 12 2013 Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Oil Conservation Division 1220 South St. Francis Dr. NMOCD ARTESIA Santa Fe, NM 87505

Release Notification and Corrective Action

			2020			OPERA:	ΓOR	D	☐ Initia	al Report		Final Report
Name of Co	mpany	Oxy Permia	Ltd.			Contact CJ Summers						
		tanolind Rd,	Hobbs, I	M	-	Telephone No. (575) 397-8216						
Facility Nan	ne Sterli	ng Silver 3 #	6 CTB		I	Facility Type Gathering						
Surface Own	ner BLN	Л		Mineral O	wner				Lease N	To. 30-015-2	27638	
				LOCA	TION	OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the	North/S	South Line	Feet from the	East/We	st Line	County		
F	3	24S	31E	1980'		North	2310'	We	est	Eddy		
Latitude <u>N 32.24782°</u> Longitude <u>W 103.76716°</u>												
				NAT	URE	OF RELI	EASE					
Type of Relea	ase Oil					Volume of	Release 65 bbl	s \	Volume R	Recovered	0 bbls	
Source of Rel	ease 1" v	alve was left	open			Date and H 12/06/2011	lour of Occurrenc	е Г	Date and	Hour of Disc	overy	
Was Immedia	ite Notice C					If YES, To						
		\bowtie	Yes _	No 🔲 Not Re	quired	Mike Brate	ther-OCD; Jim Ar	mos-BLM				
By Whom?	Dusty Wil						lour 12/7/2011					
Was a Watero	course Reac	:hed?	Yes 🗵	No		If YES, Vo	lume Impacting t	he Waterc	ourse.			
If a Watercou	rse was Im	pacted, Descri	be Fully.	*		<u> </u>						
		F	,			,						
			 									
Describe Cau	se of Proble	em and Reme	dial Action	n Taken.*								
A 1" valve w	as left open	causing 65 bl	ols of oil t	o leak onto the gro	ound. 0	bbls of oil w	ere recovered. Th	ne valve w	as closed	i.		
Describe Area	a Affected a	and Cleanup A	Action Tak	en.*								
The areas affe	ected are an	proximately 1	25' x 20'	on location and I(00' x 20'	off location	. Further remedia	ation will h	e conduc	cted in accon	dance v	with OCD
and BLM app										VIOL 3-1 WVV02		
I hereby certif	fy that the i	nformation gi	ven above	is true and compl	ete to th	e best of my	knowledge and u	nderstand	that purs	uant to NMC	CD ru	les and
regulations al	operators	are required to	report ar	id/or file certain re	lease no	tifications ar	id perform correct	tive action	s for rele	eases which r	nay end	danger
public health	or the envir	onment. The	acceptance	e of a C-141 report investigate and re	rt by the	NMOCD ma	arked as "Final Re	eport" doe	s not reli	eve the opera	tor of l	liability
or the environ	ment. In a	ddition, NMO	CD accep	tance of a C-141 r	eport do	es not reliev	e the operator of r	esponsibil	lity for co	, surface wat ompliance wi	er, nun th anv	other
federal, state,	or local lav	vs and/or regu	lations.		·		·					
		${\scriptstyle \diagdown}$				•	OIL CONS	<u>SERVA</u>	TION	<u>DIVISIO</u>	<u>N</u>	
Signature:				<u>) </u>								
Printed Name: Chancey Summers						approved by	District Superviso	or:				
Title: HES	Title: HES Specialist						Approval Date: Expiration I		Date:			
E-mail Addre	ss: Chan	cey.Summers	@оху.соп	1		Conditions of Approval:						
Date: /2	2-18-1	12	Pho	ne: (575) 397-821	6					Attached		

^{*} Attach Additional Sheets If Necessary

<u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u>
1301 W. Grand Avenue, Artesia, NM 88210
<u>District III</u> 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 APR 1 2 2013

RECEIVED

Form C-141 Revised October 10, 2003

Final Report

☐ Initial Report

NMOCD ARTES Apistrict Office in accordance with Rule 116 on back side of form

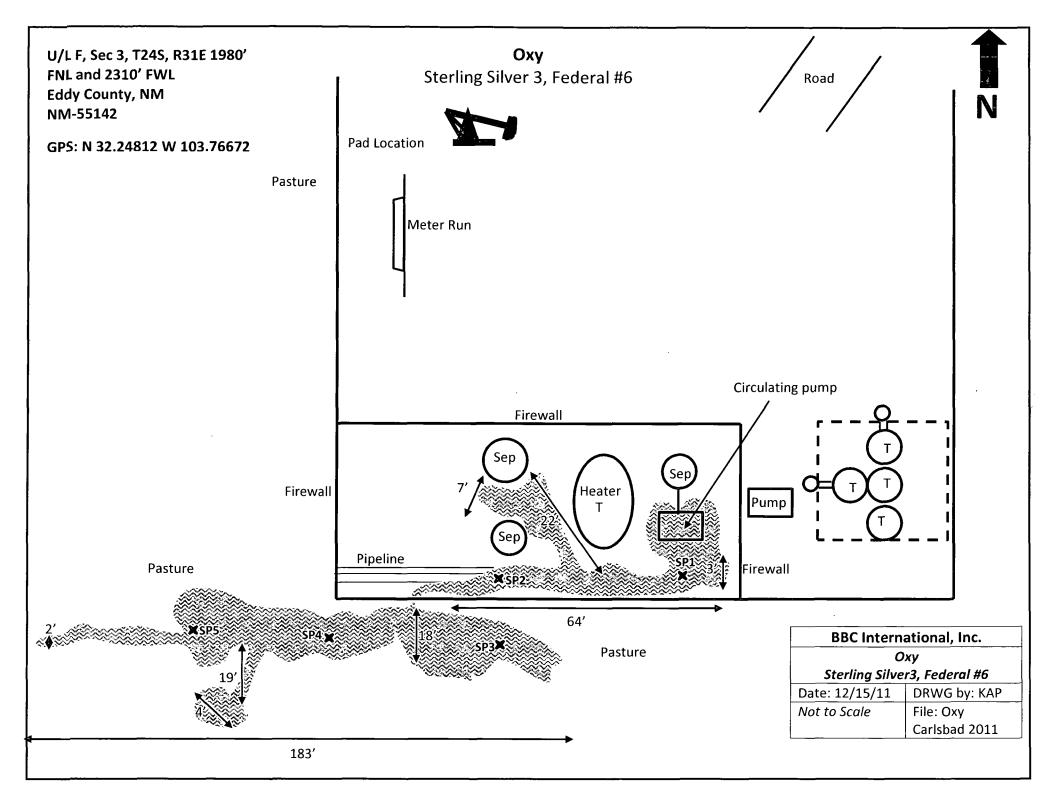
Santa Fe, NM 87505 Release Notification and Corrective Action

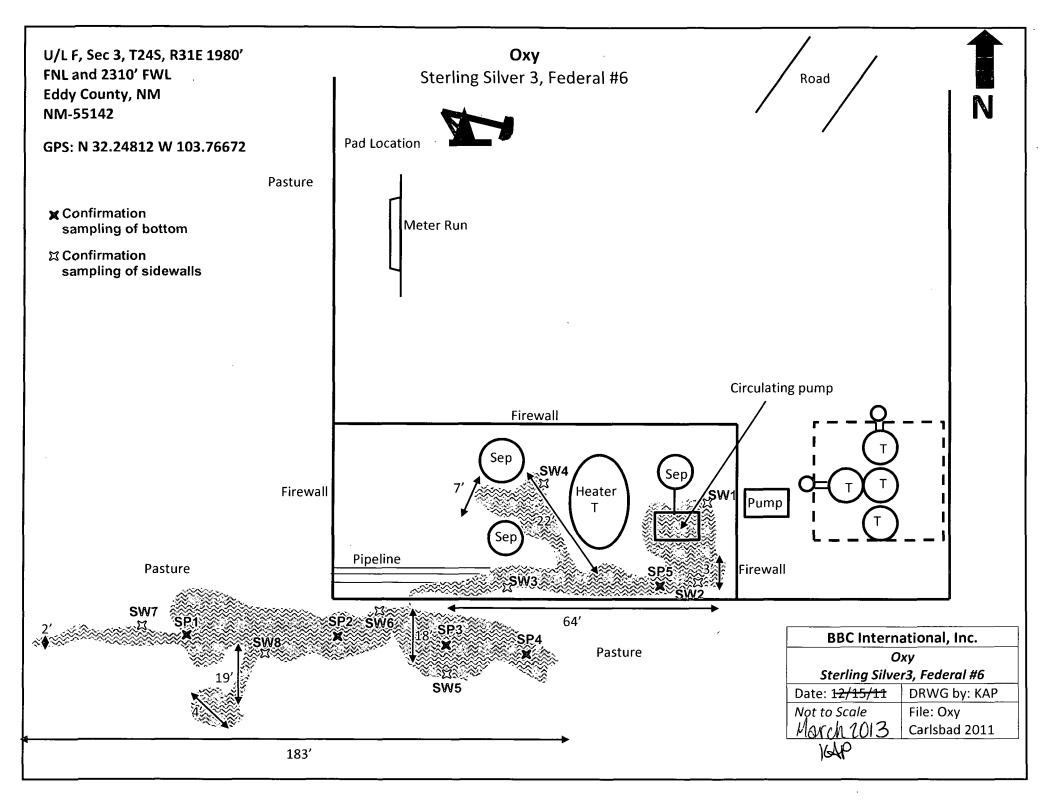
OPERATOR

Oil Conservation Division

1220 South St. Francis Dr.

	Name of Company Oxy Permian Ltd.						Contact CJ Summers			
		tanolind Rd,		NM		Telephone No. (575) 397-8216				
Facility Na	me Sterli	ng Silver 3 #	#6 CTB		I	Facility Typ	e Gathering			
Surface Ow	ner BLN	Л		Mineral O	wner			Lease N	No. 30-015-27638	
				LOCA	TION	OF REI	LEASE			
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/West Line	County	
F	3	248	31E	1980'		North	2310'	West	Eddy	
	Latitude <u>N 32.24782°</u> Longitude <u>W 103.76716°</u>									
(D)	011			NAT	URE	OF RELI				
Type of Rele		alve was left				Volume of	Release 65 bbl		Recovered 0 bbls Hour of Discovery	
Source of Re	icase i v	aive was left	реп			12/06/2011		Date and	Hour of Discovery	
Was Immedi	ate Notice C		Yes [No Not Rec	quired	If YES, To Mike Brate	Whom? her-OCD; Jim An	nos-BLM		
By Whom?							our 12/7/2011 (
Was a Water	course Reac	hed?	Yes 🛚	No		If YES, Vo	lume Impacting th	ne Watercourse.		
If a Watercou	irse was lini	pacted, Descri	be Fully.*	,						
	•	,	J							
Describe Cau	an of Ducklo	and Davis	d:=1 A =4:==	- T-1 #						
Describe Cau	se of Proofe	in and Remed	наг Аспог	i Taken."						
A 1" valve w	as left open	causing 65 bt	ols of oil to	leak onto the gro	und. 01	bbls of oil we	ere recovered. The	e valve was closed		
Describe Are	a Affected a	nd Cleanup A	ction Tak	en.*						
									cordance with the remediation	
plan approved	l by Mike B	ratcher of NM	10CD via	email on 11/15/12	and ap	proved by Ja	mes Amos of BLM	M on 12/17/12.		
I hereby certi	fy that the ir	formation gi	ven above	is true and comple	ete to the	e best of my	knowledge and un	derstand that purs	uant to NMOCD rules and	
regulations al	l operators a	are required to	report an	d/or file certain rel	lease no	tifications an	d perform correct	ive actions for rele	eases which may endanger eve the operator of liability	
should their o	perations ha	ive failed to a	dequately	investigate and rer	mediate	contamination	on that pose a thre	at to ground water	, surface water, human health	
or the environ federal, state,	ment. In ac	ldition, NMO	CD accept	tance of a C-141 re	eport do	es not relieve	the operator of re	esponsibility for co	ompliance with any other	
Tetterar, state,	OI local law	2 and of lega	iamons.				OIL CONS	ERVATION	DIVISION	
Signature:				\searrow			312 331			
Printed Name	: Chances	Summers	40.00		A	Approved by District Supervisor:				
	Specialist .		V		A	pproval Date):	Expiration I	Date:	
E-mail Addre	ss: Chanc	ey.Summers@	g)oxy.com		\dashv c	onditions of	Approval:		Attached	
Date: 2//	8113	te If Neneers		ne: (575) 397-8216						







Groundwater Plot

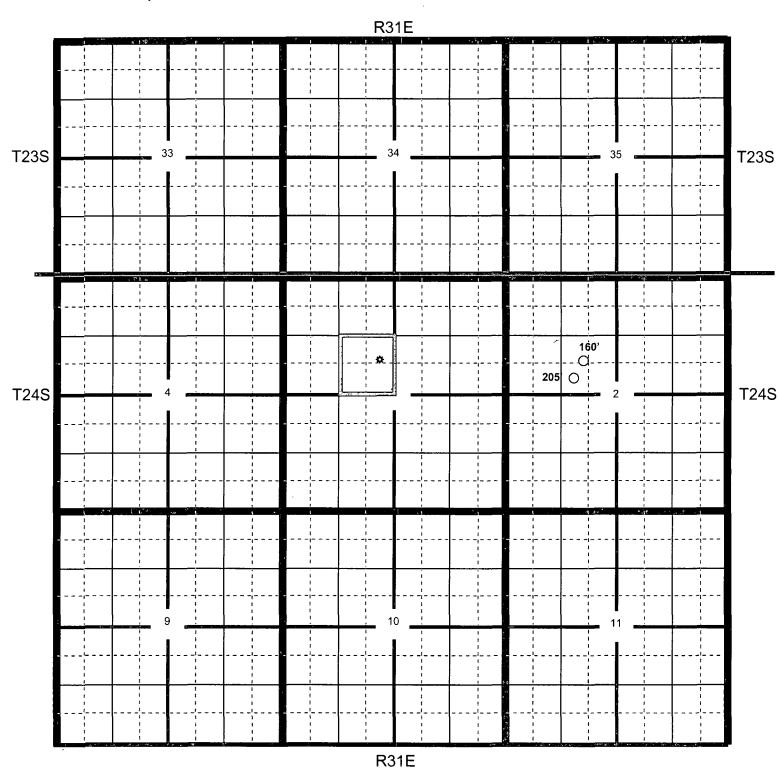
Oxy Sterling Silver 3 Federal #6

County Eddy Unit Letter

Section

Township 24S Range 31E

Trend Map 400'



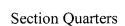
⇔ Location

OCD

OUSGS

o SEO

All Databases





Oxy Sterling Silver 3 Federal #6

CountyUnit LetterSectionTownshipRangeEddyF324S31E

Trend Map 400'

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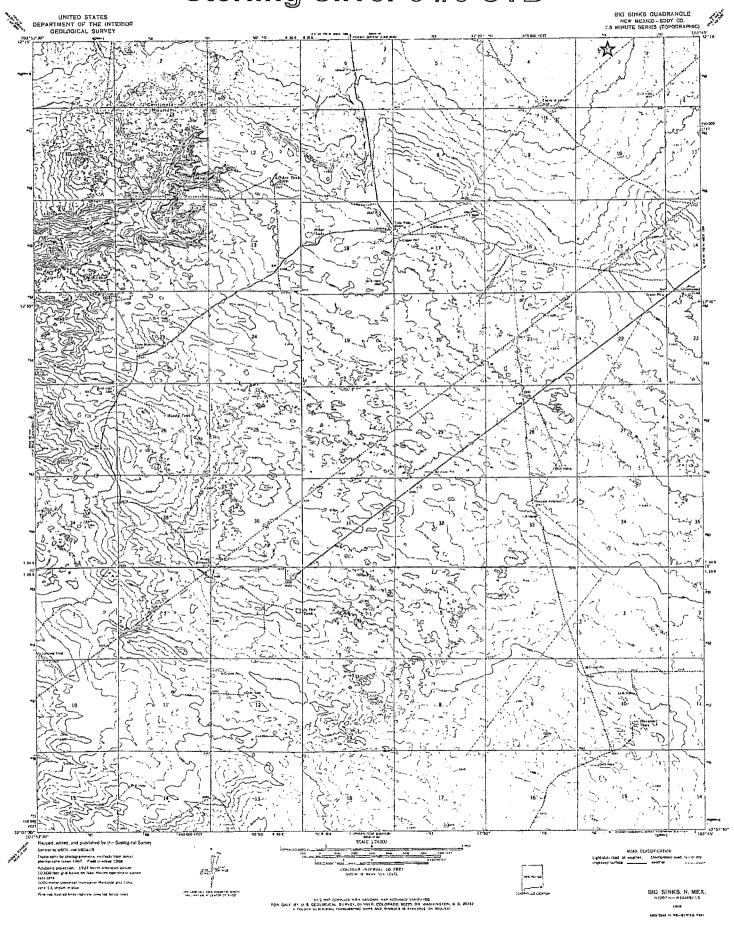
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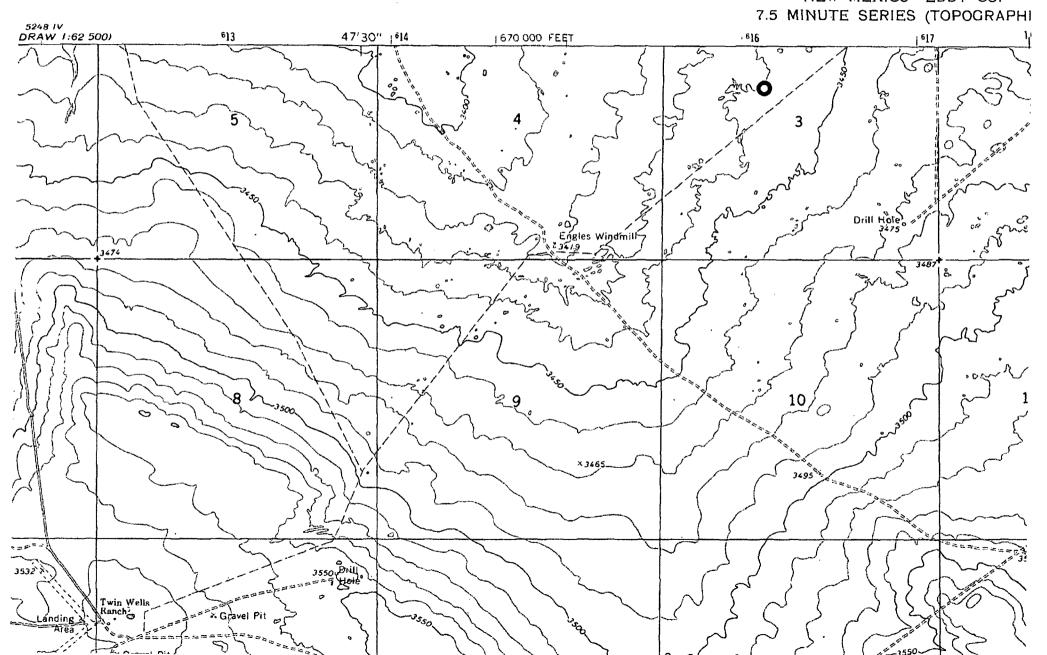
Oxy

Sterling Silver 3 #6 CTB



Sterling Silver 3 #6 CTB

NEW MEXICO EDDY CO.



Laboratory Analytical Results Summary OXY, Sterling Silver 3 Federal #6

		Sample	SP1 @ Surface	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'
Analyte	Method	Date	12/29/11	12/29/11	12/29/11	12/29/11
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		0.1	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		1.7	<0.050	<0.050	0.073
Ethylbenzene	BTEX 8021B]	0.922	<0.050	<0.050	< 0.050
Total Xylenes	BTEX 8021B		4.07	<0.150	<0.150	<0.150
Chloride	SM4500CI-B		N/A	<16.0	N/A	N/A
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		93.6	<10.0	<10.0	<10.0

		Sample	SP3 @ Surface	SP3@1'	SP3@3'	SP3@5'	SP3 @ 7'	SP3 @ 10'
Analyte	Method	Date	12/29/11	12/29/11	12/29/11	12/29/11	12/29/11	12/29/11
			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		1.89	8.43	<0.050	0.05	1.61	<0.050
Toluene	BTEX 8021B		27.9	56.2	0.338	0.554	11.8	0.059
Ethylbenzene	BTEX 8021B		42.4	37.1	1.01	1.28	14	<0.050
Total Xylenes	BTEX 8021B		122	103	2.7	2.94	39.8	<0.150
Chloride	SM4500CI-B		N/A	<16.0	N/A	N/A	N/A	N/A
GRO	TPH 8015M		4520	6540	120	75.3	2910	<10.0
DRO	TPH 8015M	.]	19500	9020	829	689	5720	<10.0

		Sample	SP5 @ Surface	SP5 @ 1'	SP5 @ 3'	SP5 @ 5'
Analyte	Method	Date	12/29/11	12/29/11	12/29/11	12/29/11
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		1.11	0.07	<0.050	<0.050
Toluene	BTEX 8021B		25.5	1.68	<0.050	<0.050
Ethylbenzene	BTEX 8021B		31.7	3.71	<0.050	<0.050
Total Xylenes	BTEX 8021B		101	10.7	<0.150	<0.150
Chloride	SM4500CI-B		N/A	<16.0	N/A	N/A
GRO	TPH 8015M		4900	623	<10.0	<10.0
DRO	TPH 8015M		13200	2030	<10.0	<10.0

		Sample	SP2@ Surface	SP2 @ 1*	SP2 @ 3'	SP2 @ 5'
Analyte	Method	Date	12/29/11	12/29/11	12/29/11	12/29/11
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 802	1B	2.57	<0.050	<0.050	<0.050
Toluene	BTEX 802	1B	21.5	<0.050	<0.050	0.061
Ethylbenz	BTEX 802	1B	20.7	<0.050	<0.050	<0.050
Total Xyle	BTEX 802	1B	63.5	<0.150	<0.150	<0.150
Chloride	SM4500C	I-B	N/A	32	N/A	N/A
GRO	TPH 8015	M	3330	<10.0	<10.0	<10.0
DRO	TPH 8015	М	12200	168	<10.0	<10.0

		Sample	SP4 @ Surface	SP4 @ 1'	SP4 @ 3'	SP4 @ 5'
Analyte	Method	Date	12/29/11	12/29/11	12/29/11	12/29/11
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 80:	21B	1.38	<0.050	<0.050	<0.050
Toluene	BTEX 80	21B	14.8	0.504	<0.050	0.148
Ethylbenz	BTEX 80:	21B	14	1.56	<0.050	<0.050
Total Xyle	BTEX 80:	21B	47.6	3.56	<0.150	<0.150
Chloride	SM45000	CI-B	N/A	<16.0	N/A	N/A
GRO	TPH 801	5M	4170	<100	<10.0	<10.0
DRO	TPH 801	5M	11600	725	<10.0	<10.0

Laboratory Analytical Results Summary Sterling Silver 3 Federal #6 Battery, Confirmation Sampling

BOTTOM SAMPLES		Sample	SP1 @ 2'	SP2 @ 1'	SP3 @ 4'	SP4 @ 7	SP5 @ 1'
Analyte	Method	Date	3/8/13	3/8/13	3/8/13	3/8/13	3/8/13
			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
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0

SIDEWALL SAMPLES		Sample	SW1	SW2	SW3	SW4	SW5	SW6	SW7	SW8
Analyte	Method	Date	3/8/13	3/8/13	3/8/13	3/8/13	3/8/13	3/8/13	3/8/13	3/8/13
,			mg/Kg	mg/Kg	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	<0.050	<0.050
Toluene	BTEX 8021B	1	<0.050	<0.050	<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	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<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	<0.300	<0.300
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



January 05, 2012

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STERLINLG SILVER "3" FED #6

Enclosed are the results of analyses for samples received by the laboratory on 12/30/11 16:20.

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 accredited certif.html.

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celey D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Fax To:

(505) 397-0397

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 @ SURFACE (H200001-01)

BTEX 8021B	mg/l	kg .	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.100	0.050	01/04/2012	ND	2.09	105	2.00	4.01	
Toluene*	1.70	0.050	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	0.992	0.050	01/04/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	4.07	0.150	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	156 %	64.4-13	4						
TPH 8015M	mg/1	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	01/04/2012	ND	206	103	200	4.54	
DRO >C10-C28	93.6	10.0	01/04/2012	ND	177	88.4	200	3.61	
Surrogate: 1-Chlorooctane	106 %	55.5-15	4						
Surrogate: 1-Chlorooctadecane	133 %	57.6-15	8						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim anising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

Fax To: (505) 397-0397

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 FT (H200001-02)

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	01/04/2012	ND	2.09	105	2.00	4.01	
Toluene*	<0.050	0.050	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	<0.050	0.050	01/04/2012	ND ·	2.37	118	2.00	5.01	
Total Xylenes*	<0.150	0.150	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	112 !	% 64.4-13	4						
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	01/03/2012	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	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	106 9	% 55.5-15	4						

om ogate. I emoroscimacemie

Surrogate: 1-Chlorooctadecane

130 %

57.6-158

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Celey D. Keena



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

Fax To: (505) 397-0397

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 @ 3 FT (H200001-03)

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	01/04/2012	ND	2.09	105	2.00	4.01	
Toluene*	<0.050	0.050	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	<0.050	0.050	01/04/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	<0.150	0.150	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	114 9	% 64.4-13	4						
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	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	109 9	% 55.5-15	4						

Surrogate: 1-Chlorooctane 109 % 55.5-154
Surrogate: 1-Chlorooctadecane 121 % 57.6-158

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Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 @	5 FT (H200001-04)
BTEX 8021B	ma/ka

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	01/05/2012	ND	2.09	105	2.00	4.01	
Toluene*	0.073	0.050	01/05/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	< 0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	79.8 %	64.4-13	4						
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	01/04/2012	. ND	174	87.0	200	13.6	
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	112 %	6 55.5-15	4						<u></u>
Surrogate: 1-Chlorooctadecane	127 %	6 57.6-15	8						

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(505) 397-0397 Fax To:

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 @ SURFACE (H200001-05)

BTEX 8021B	mg/l	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.57	0.500	01/04/2012	ND	2.09	105	2.00	4.01	
Toluene*	21.5	0.500	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	20.7	0.500	01/04/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	63.5	1.50	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	187 %	64.4-13	4						
TPH 8015M	mg/l	kg	Analyze	d By: CK					5-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3330	100	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	12200	100	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	155 %	55.5-15	4						
Surrogate: 1-Chlorooctadecane	123 %	6 57. 6-1 5	8						

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Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 FT (H200001-06)

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	01/05/2012	ND	2.09	105	2.00	4.01	
Toluene*	<0.050	0.050	01/05/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	82.8	% 64.4-13	4						,
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/03/2012	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	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	168	10.0	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	115 9	% 55.5-15	4		-		*		
Surrogate: 1-Chlorooctadecane	145 9	57.6-15	8						

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Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

Sampling Type:

Soil

01/05/2012

Project Name:

STERLINLG 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 FT (H200001-07)

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	01/05/2012	ND	2.09	105	2.00	4.01	
Toluene*	< 0.050	0.050	01/05/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	< 0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	75.0 9	% 64.4-13	4					_	
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	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: I-Chlorooctane	118 %	6 55.5-15	4	****					
Surrogate: 1-Chlorooctadecane	144 %	6 57.6-15	8						

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Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG SILVER "3" FED #6

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

HALFWAY, NM

147 %

57.6-158

Sample Received By:

Jodi Henson

Sample ID: SP 2 @ 5 FT (H200001-08)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2012	ND	2.09	105	2.00	4.01	
Toluene*	0.061	0.050	01/05/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	72.6	% 64.4-13	14						
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	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	124 5	% 55.5-15	4						

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Surrogate: 1-Chlorooctadecane

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Fax To:

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Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 @ SURFACE (H200001-09)

BTEX 8021B	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.89	0.500	01/04/2012	·ND	2.09	105	2.00	4.01	
Toluene*	27.9	0.500	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	42.4	0.500	01/04/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	122	1.50	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	387 %	64.4-13	4						
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	4520	100	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	19500	100	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	109 %	6 55.5-15	4			·····			
Surrogate: 1-Chlorooctadecane	135 %	6 57.6-15	8						

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Fax To:

(505) 397-0397

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

Sampling Condition:

Cool & Intact

STERLINLG SILVER "3" FED #6

Sample Received By:

Jodi Henson

Project Number: Project Location: NONE GIVEN HALFWAY, NM

Sample ID: SP 3 @ 1 FT (H200001-10)

BTEX 8021B	mg/	kg	Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	8.43	0.500	01/04/2012	ND	2.09	105	2.00	4.01	
Toluene*	56.2	0.500	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	37.1	0.500	01/04/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	103	1.50	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	189 %	6 64.4-13	4						
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	01/03/2012	ND	432	108	400	0.00	
TPH 8015M	mg/	kg	Analyze	d By: CK					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	6540	100	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	9020	100	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	171 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	125 %	6 57.6-15	8						

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Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

Sampling Type:

Soil

Project Name:

01/05/2012 STERLINLG SILVER "3" FED #6

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

Sample Received By:

Jodi Henson

HALFWAY, NM

Sample ID: SP 3 @ 3 FT (H200001-11)

BTEX 8021B	mg/kg		Analyze	d By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2012	ND	2.09	105	2.00	4.01	
Toluene*	0.338	0.050	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	1.01	0.050	01/04/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	2.70	0.150	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	189	% 64.4-13	4						
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	120	100	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	829	100	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	117	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	138	% 57.6-15	8						

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Fax To:

(505) 397-0397

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 FT (H200001-12)

BTEX 8021B	mg/kg		Analyze	d By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	0.050	0.050	01/04/2012	ND	2.09	105	2.00	4.01	
Toluene*	0.554	0.050	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	1.28	0.050	01/04/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	2.94	0.150	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorohenzene (PIL	182 %	6 64.4-13	14						
TPH 8015M	mg/	kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	75.3	10.0	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	689	10.0	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	105 %	6 55.5-15	:4					•••	
Surrogate: 1-Chlorooctadecane	132 %	6 57.6-15	8						

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Celeg D. Keine



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

Fax To: (505) 397-0397

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 @ 7 FT (H200001-13)

BTEX 8021B	mg/kg		Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.61	0.500	01/04/2012	ND	2.09	105	2.00	4.01	
Toluene*	11.8	0.500	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	14.0	0.500	01/04/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	39.8	1.50	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	166 %	64.4-13	4				•		
TPH 8015M	mg/	kg	Analyzed By: CK			······································			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	2910	100	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	5720	100	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	137 %	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	1149	6 57.6-15	8						

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Fax To: (505) 397-0397

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

Sampling Type:

Soil

Project Name:

01/05/2012

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

Surrogate: 1-Chlorooctadecane

Sample Received By:

Jodi Henson

HALFWAY, NM

132 %

57.6-158

STERLINLG SILVER "3" FED #6

Sample ID: SP 3 @ 10 FT (H200001-14)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2012	ND	2.09	105	2.00	4.01	
Toluene*	0.059	0.050	01/05/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	74.4	% 64.4-13	4						
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	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	111 9	% 55.5-15	4						

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Fax To: (505) 397-0397

Received: Reported: 12/30/2011

01/05/2012

STERLINLG SILVER "3" FED #6

Project Name: Project Number:

NONE GIVEN HALFWAY, NM

Project Location:

Sampling Date:

Sampling Type:

12/29/2011

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

Sample ID: SP 4 @ SURFACE (H200001-15)

BTEX 8021B	mg/kg		Analyze	d By: MS					S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	1.38	0.050	01/04/2012	ND	2.09	105	2.00	4.01	
Toluene*	14.8	0.050	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	14.0	0.050	01/04/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	47.6	0.150	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	372 %	64.4-13	4						
TPH 8015M	mg/i	kg	Analyzed By: CK						S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	4170	100	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	11600	100	01/04/2012	ND	145	72.5	200	7.97	
Surrogate: 1-Chlorooctane	166 %	6 55.5-15	4						
Surrogate: 1-Chlorooctadecane	113 %	57.6-15	8						

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Celey D. Keena Celey D. Keene, Lab Director/Quality Manager



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

Fax To: (505) 397-0397

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

Sampling Type:

Soil

01/05/2012

Sampling Condition:

Cool & Intact

Project Name: Project Number: STERLINLG SILVER "3" FED #6 NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

HALFWAY, NM

Sample ID: SP 4 @	1 FT (H200001-16)
-------------------	-------------------

BTEX 8021B	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/04/2012	ND	2.09	105	2.00	4.01	
Toluene*	0.504	0.050	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	1.56	0.050	01/04/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	3.56	0.150	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	222	% 64.4-13	4						
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	01/03/2012	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	<100	100	01/04/2012	ND	184	92.0	200	2.27	
DRO >C10-C28	725	100	01/04/2012	ND	167	83.5	200	7.98	
Surrogate: 1-Chlorooctane	118 9	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	139	% 57.6-15	8						

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Fax To:

(505) 397-0397

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 FT (H200001-17)

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	01/04/2012	ND	2.09	105	2.00	4.01	
Toluene*	< 0.050	0.050	01/04/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	<0.050	0.050	01/04/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	<0.150	0.150	01/04/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIL	103 5	% 64.4-13	14						
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	01/04/2012	ND	184	92.0	200	2.27	
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	167	83.5	200	7.98	
Surrogate: 1-Chlorooctane	88.2	% 55.5-15	4						
Surrogate: I-Chlorooctadecane	101 9	% 57.6-15	8						

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Fax To:

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Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 FT (H200001-18)

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	01/05/2012	ND	2.09	105	2.00	4.01	
Toluene*	0.148	0.050	01/05/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	< 0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25	
Surrogate: 4-Bromofluorobenzene (PIE	78.6 %	% 64.4-13	4			*			
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	01/04/2012	ND	184	92.0	200	2.27	
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	167	83.5	200	7.98	
Surrogate: 1-Chlorooctane	92.0 %	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	109 %	6 57.6-15	8						

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Fax To: (505) 397-0397

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

Sampling Condition:

Cool & Intact

Project Name:

STERLINLG SILVER "3" FED #6 NONE GIVEN

Sample Received By:

Jodi Henson

Project Number: Project Location:

HALFWAY, NM

Sample ID: SP 5 @ SURFACE (H200001-19)

BTEX 8021B	mg/kg		Analyze	d By: MS					5-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	1.11	0.200	01/04/2012	ND	2.09	105	2.00	4.01		
Toluene*	25.5	0.200	01/04/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	31.7	0.200	01/04/2012	ND	2.37	118	2.00	5.01		
Total Xylenes*	101	0.600	01/04/2012	ND	6.92	115	6.00	4.25		
Surrogate: 4-Bromofluorobenzene (PIL	326 %	64.4-13	4							
TPH 8015M	mg/l	kg	Analyze	d By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	4900	100	01/04/2012	ND	184	92.0	200	2.27		
DRO >C10-C28	13200	100	01/04/2012	ND	167	83.5	200	7.98		
Surrogate: 1-Chlorooctane	110 %	55.5-15	4					"		
Surrogate: 1-Chlorooctadecane	98.7 %	6 57.6-15	8							

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Fax To:

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Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 FT (H200001-20)

BTEX 8021B	mg/kg		Analyzed By: MS						S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	0.070	0.050	01/04/2012	ND	2.09	105	2.00	4.01		
Toluene*	1.68	0.050	01/04/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	3.71	0.050	01/04/2012	ND	2.37	118	2.00	5.01		
Total Xylenes*	10.7	0.150	01/04/2012	ND	6.92	115	6.00	4.25		
Surrogate: 4-Bromofluorobenzene (PIL	185 % 64.4-13		4							
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	01/03/2012	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	623	100	01/04/2012	ND	184	92.0	200	2.27		
DRO >C10-C28	2030	100	01/04/2012	ND	167	83.5	200	7.98		
Surrogate: 1-Chlorooctane	91.9	% 55.5-15	4							
Surrogate: 1-Chlorooctadecane	129	% 57.6-15	8							

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Fax To:

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Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 FT (H200001-21)

BTEX 8021B	mg/kg		Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/05/2012	ND	2.05	102	2.00	1.96	
Toluene*	<0.050	0.050	01/05/2012	ND	1.85	92.6	2.00	1.33	
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	1.91	95.3	2.00	1.57	
Total Xylenes*	<0.150	0.150	01/05/2012	ND	5.35	89.2	6.00	1.17	
Surrogate: 4-Bromofluorobenzene (PIL	73.3 %	64.4-13	4				, mar 4.		
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	01/04/2012	ND	184	92.0	200	2.27	
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	167	83.5	200	7.98	
Surrogate: 1-Chlorooctane	113 %	6 55.5-15	4	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Surrogate: 1-Chlorooctadecane	129 %	6 57.6-15	8						

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Fax To:

(505) 397-0397

Received:

12/30/2011

Sampling Date:

12/29/2011

Reported:

01/05/2012

Sampling Type:

Soil

Project Name:

STERLINLG 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 FT (H200001-22)

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	01/05/2012	ND	2.05	102	2.00	1.96	
Toluene*	<0.050	0.050	01/05/2012	ND	1.85	92.6	2.00	1.33	
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	1.91	95.3	2.00	1.57	
Total Xylenes*	<0.150 0.150		01/05/2012	ND	5.35	89.2	6.00	1.17	
Surrogate: 4-Bromofluorobenzene (PIL	69.6	% 64.4-13	4						
TPH 8015M	mg,	/kg	Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŞ	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/04/2012	ND	184	92.0	200	2.27	
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	167	83.5	200	7.98	
Surrogate: 1-Chlorooctane	90.7	% 55.5-15	4						
Surrogate: 1-Chlorooctadecane	105	% 57.6-15	8						

Cardinal Laboratories

*=Accredited Analyte

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Insufficient time to reach temperature.

Notes and Definitions

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

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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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name	BBC International, Inc.	BILL TO	ANALYSIS REQUEST									
	: Cliff Brunson	P.O. #:						T				
Address: P.O.	Box 805		Company:									
city: Hobbs	State: NM	Attn:										
Phone #: 575-3	397-6388 Fax #: 575	Address:			1			ļ				
Project #:	Project Owner	City:				Ì						
Project Name:	Sterling Silver 3"	State: Zip:		3		•						
Project Location		Phone #:		W								
Sampler Name:	JERDAN WEEDFIN		Fax #:		<u> </u>							
Eab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	ACIDIARR: OTHER: OTHER: OTHER:	TIME	-10	7PH 8C15						
	SP : Surface	5 1 1y	1 / 12.20.	H 838		ΥХ						
	5/21 @ 144	43 1 4	<i>y</i> (1	910	У	XX						
3	SP1@ 3 8 +	9 1 2	X, - '/-	9 26	.	$\times X $						ļ
. 4,	5P1@ 5++	9/1/1		1950	-	$\times X $						ļ
5	SPE Suffere	5 / X		1104 11		$X + X + \cdots$			-			
- 12	582 6 374	9-1-1-1	<u> </u>	1000		* * -	_					
8	582 @ 344 582 @ 584	911111	$\frac{1}{1}$ $\frac{1}{1}$ $\frac{\sqrt{2}}{\sqrt{2}}$ $\frac{\sqrt{2}}{\sqrt{2}}$	1116				-	1			
9 10	58 3 Sarfacer SP 3 @ 184		X d	11.30	V	\$ \$						
PLEASE NOTE: Liability of	id Daniages. Cardinal's flability and clent's exclusive remedy for ing those for negligence and any other cause whatsoever shall be	iny claim arising whether based in central	at or rort, shall be firmled to the amount p ad received by Cardinal within 30 days a	aid by the clant for	r the ne applicabl	/ \ 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \						<u> </u>
service. In no event shall C	andinal be liable for incidental or consequental damages, including the liable for incidental or consequental damages, including the liable for incidental or consequental damages.	without Irmitation, business interruptions	, loss of use, or loss of profes inquired o	y cliant, as subsidia	nes,							
Relinquished B	World 18/30/11	Received By:	ensor-	Phone Re Fax Resu REMARK	sult: lt: S:	□ Yes □ No □ Yes □ No	Add'l Fa					
1	- Bus - Other:	Sample Condi	/ (Moidiale)									

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

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name:	BBC International, Inc.		BILL TO	ाळाडा, गुर्च 🔻		ANALYSIS R	EQUEST	
	: Cliff Brunson		P.O. #:					
Address: P.O.	Box 805		Company:					į
city: Hobbs		Zip: 88241	Attn:					
Phone #: 575-3	97-6388 Fax#: 575	-397-0397	Address:					
Project #:	Project Owner	· Oxy	City:					ļ
Project Name:	Sterling Silver 3"	-CD#10	State: Zip:		2			
Project Location	: Halfilmy NM		Phone #:		10			
Sampler Name:	JORDAN WOODFIN		Fax #:					
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL	PRESERV. SAMPL OTHER: OTHER: OTHER: DATE	TIME	TPH 8015 1875X			
ıl.	SP 3 @ 3 F+ SP 3 @ 5 H	5) 1 y	y 12-29-1	1153	XX			
12		9 1 4	X (1	1215				
	SP 3@ 7 F+	9 1 x	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1(4)				
19	5P 3@ 10 F+	9/	J X ~	145	- X X			
	574 Surface SP d @ 12+	5 / X		201	$+$ \times $+$ \times $+$			
19	SP 4 @ 12+	9 / X		224				
讨么	SP y @ 5 ft	5 / 1		251				
19	SPS SUFFACE	9 1 2	X	300				
	SP 5 @ (F+		X 1	303 X	Z X V			
analyses. All claims includin service, In no event shall Ca affiliates or successors arisin Relinguished By	or Damages. Cardinal's Razifity and client's exclusive remedy for a grinese for negligence and any other cause whatsoever shall be administ be falled for moderated or consequented damages, including to out of or related to the performance of services necessated by (1)	deemed valved unless made in writing y withour limitation, business interruption arothal, regardless of whether such clair Received By:	and received by Caroinal within 30 days at is, loss of use, or loss of profits incurred by mus based upon any of the above stated t	ter completion of the app client, its subsidiaries.				
- lorda	Time: 20	apel 1	LUCOU	REMARKS:			7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Relinquished By		Received By:	7		EMail	460		
	Time:	 		!	•			
Delivered By:	(Circle One)	Sample Cond	lition CHECKED BY:					
Sampler - UPS	- Bus - Other:	Cool Intact	es (((fittals)			W-1777-1		

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

26[#]

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476 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: Project Ware: 5+erling Silver 3"FED # ce City: State: Zip: Project Location: Phone #: 0/5 TORDAN WOODFIN Sampler Name: Fax #: SAMPLING FOR LAB USE ONLY MATRIX PRESERV W S (C)RAB OR (C)OMP ACID/BASE: ICE / COOL Lab I.D. Sample I.D. DATE TIME 370 12-29-11 341

PLEASE NOTE; timbsty and Damages. Cardinats fability and clients is eductive remery for any claim arising wheater bussed in contract or tori, shall be finited to the annount goal by the client for the analyses. All claims including those for negligence and any other cause writesever shall be deemed write unless made in writing and received by Cardinat within 30 days after completion of the applicable service. In no overn shall Cerdinat be failed for incidental or consequental damages, including witnost 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 her	rereunder by Curdinal, regardless of whether such claim is based upon any of the above stated rer	asons or otherwise.
Relinquished By: Date: -	/フカ)」 Received By:	Phone Result:
Jorda Wood Time:	TOTAL MICHAGO	Fax Result: ☐ Yes ☐ No Add'i Fax #:
Time:	1.77 (2///	REMARKS:
Relinquished By: Date:	Received By:	EMailALC
Time:		
Delivered Dw. (Circle One)	Comple Constitution of the	
Delivered By: (Circle One)	Sample Condition CHECKED BY: Cool /Intact / Whitels)	
Sampler - UPS - Bus - Other:	LLO TYES TYES	•
	No No No	

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

#26



March 14, 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 03/11/13 8:06.

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 accredited certif.html.

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

Method EPA 552.2

Haloacetic Acids (HAA-5)

Method EPA 524.2

Total Trihalomethanes (TTHM)

Method EPA 524.4

Regulated VOCs (V1, V2, V3)

Accreditation applies to public drinking water matrices.

Celeg D. Keine

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

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



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

Fax To:

(575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SP 1 @ 2' (H300603-01)

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0	
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6	
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8	
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5	
Total BTEX	<0.300	0.300	03/13/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	112 9	% 89.4-12	6						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	101 5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	108 9	63.6-15	4						

Cardinal Laboratories

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

Fax To: (575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SP 2 @ 1' (H300603-02)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0	
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6	
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8	
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5	
Total BTEX	<0.300	0.300	03/13/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	1169	% 89.4-12	6						
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	79.0	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	97.4	% 63.6-15	4						

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Fax To:

(575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Type: Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SP 3 @ 4' (H300603-03)

BTEX 8021B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0	
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6	
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8	
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5	
Total BTEX	<0.300	0.300	03/13/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	113 %	% 89.4-12	6						
TPH 8015M	mg/	kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	83.6	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	104 9	% 63.6-15	4						

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

Fax To: (575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SP 4 @ 7' (H300603-04)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0	
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6	
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8	
Total Xylenes*	< 0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5	
Total BTEX	<0.300	0.300	03/13/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	113	% 89.4-12	6	-					
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	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	68.4	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	85.4	% 63.6-15	4						

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

Fax To:

(575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sample Received By:

Jodi Henson

Sample ID: SP 5 @ 1' (H300603-05)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0	
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6	
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8	
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5	
Total BTEX	<0.300	0.300	03/13/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIC	113 9	% 89.4-12	6						
TPH 8015M	mg,	'kg	Analyze	d By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	64.8	% 65.2-14	0		•				
Surrogate: 1-Chlorooctadecane	80.0	% 63.6-15	4						

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

Fax To: (575) 397-0397

Received:

03/11/2013

03/14/2013

Sampling Date:

03/08/2013

Reported:

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SW 1 (H300603-06)

BTEX 8021B	mg,	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0	
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6	
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8	
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5	
Total BTEX	<0.300	0.300	03/13/2013	ND .					
Surrogate: 4-Bromofluorobenzene (PIL	113 9	% 89.4-12	6						
TPH 8015M	mg,	/kg	Analyzed By: MS					5-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	61.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	74.2	% 63.6-15	4						

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*=Accredited Analyte

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Celeg D. Keine



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

Fax To:

(575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SW 2 (H300603-07)

BTEX 8021B	mg/	kg	Analyze	d By: AP		<u> </u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0	
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6	
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8	
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5	
Total BTEX	<0.300	0.300	03/13/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113 9	% 89.4-12	6						
TPH 8015M	mg,	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	73.2	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	89.3	% 63.6-15	4						

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Celey D. Keene



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

Fax To:

(575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SW 3 (H300603-08)

BTEX 8021B	mg/	/kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0	
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6	
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8	
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5	
Total BTEX	<0.300	0.300	03/13/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113 9	% 89.4-12	6						
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	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	91.9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	99.6	% 63.6-15	4						

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Celey & Keene



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

Fax To:

(575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Project Name:

Soil

Project Number:

STERLING SILVER 3 6 BATTERY

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

NONE GIVEN

Project Location: NOT GIVEN

Sample ID: SW 4 (H300603-09)

BTEX 8021B	mg,	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0	
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6	
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8	
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5	
Total BTEX	<0.300	0.300	03/13/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	114 9	% 89.4-12	б						
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	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	88.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	105 9	% 63.6-15	4						

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Celeg D. Keene



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

Fax To:

(575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SW 5 (H300603-10)

BTEX 8021B	mg/	/kg	Analyze	ed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0	
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6	
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8	
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5	
Total BTEX	<0.300	0.300	03/13/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	113 9	% 89.4-12	6						,,
TPH 8015M	mg/	kg	Analyze	Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	94.0	% 65.2-14	0						.,
Surrogate: 1-Chlorooctadecane	102 9	% 63.6-15	4						

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Celey & Keene



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

Fax To: (575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SW 6 (H300603-11)

BTEX 8021B	mg/	'kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2013	ND	2.24	112	2.00	3.79	
Toluene*	<0.050	0.050	03/14/2013	ND	2.16	108	2.00	3.51	
Ethylbenzene*	<0.050	0.050	03/14/2013	ND	2.06	103	2.00	3.28	
Total Xylenes*	<0.150	0.150	03/14/2013	ND	6.28	105	6.00	3.46	
Total BTEX	<0.300	0.300	03/14/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	114 9	% 89.4-12	6						
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	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	93.6% 65.2-14		0						
Surrogate: 1-Chlorooctadecane	110	% 63.6-15	4						

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Celey D. Keine

Celey D. Keene, Lab Director/Quality Manager

*=Accredited Analyte



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

Fax To: (575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SW 7 (H300603-12)

BTEX 8021B	mg/kg		Analyzed By: AP			· <u></u>			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	03/14/2013	ND	2.24	112	2.00	3.79	
Toluene*	<0.050	0.050	03/14/2013	ND	2.16	108	2.00	3.51	
Ethylbenzene*	<0.050	0.050	03/14/2013	ND	2.06	103	2.00	3.28	
Total Xylenes*	<0.150	0.150	03/14/2013	ND	6.28	105	6.00	3.46	
Total BTEX	<0.300	0.300	03/14/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	113 9	% 89.4-12	6						
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	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	92.1 % 65.2-14		0						
Surrogate: 1-Chlorooctadecane	112 9	63.6-15	4						

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Celeg & Keens



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

Fax To:

(575) 397-0397

Received:

03/11/2013

Sampling Date:

03/08/2013

Reported:

03/14/2013

Sampling Type:

Soil

Project Name:

STERLING SILVER 3 6 BATTERY

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Project Location:

Jodi Henson

NOT GIVEN

Sample ID: SW 8 (H300603-13)

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	03/14/2013	ND	2.24	112	2.00	3.79	
Toluene*	<0.050	0.050	03/14/2013	ND	2.16	108	2.00	3.51	
Ethylbenzene*	<0.050	0.050	03/14/2013	ND	2.06	103	2.00	3.28	
Total Xylenes*	<0.150	0.150	03/14/2013	ND	6.28	105	6.00	3.46	
Total BTEX	<0.300	0.300	03/14/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	113 9	% 89.4-12	6						
TPH 8015M	mg/	kg	Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŞ	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85	
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9	
Surrogate: 1-Chlorooctane	91.5	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	111 9	63.6-15	4						

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Celey & Keine



Notes and Definitions

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

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

Chloride by SM4500Cl-B does not require samples be received at or below 6°C
 Samples reported on an as received basis (wet) unless otherwise noted on report

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Celeg D. Keine

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MB -					•
A	RDINA	L LABC	RAT	ORI	ΙE
		Marland,			

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

	303) 333-2320 TAX (303) 333-241	<u> </u>					· · · · · · · · · · · · · · · · · · ·
Company Name:	BBC International, Inc.	·	EUL TO	Α	NALYSIS F	REQUEST	
Project Manager:	Cliff Brunson		P.O. #:				
Address: P.O.	Box 805	<u> </u>	Company:]			
city: Hobbs		Zip: 88241	Attn:				
Phone #: 575-3	97-6388 Fax #: 575	-397-0397	Address:				
Project #:	Project Owne	r: OXY	City:				
Project Name:	STEPLINY SILVER	6 Balt	State: Zip:				
Project Location:			Phone #:				1
Sampler Name:	POSER HERNAY	nez	Fax #:				
FOR LAB USE ONLY		MATRIX	PRESERV. SAMPLING				
		MA WHAT					·
		VATEI					:
Lab I.D.	Sample I.D.	NDV NDV	:: OO X				,
110000		(G)RAB OR (C)Y # CONTAINERS GROUNDWATE WASTEWATER SOIL OIL SLUDGE	OTHER: ACIDIBASE OTHER: OTHER:				
H300603	201		5 8 5/5 DATE TIME				
1	3p/@Z'		1 38 13 930	111			
2	50201	G11 V	V 3213 GUY		-		
3	503 4'	611	1 3 8 13 10pn				
[u]	304 7'	GI	3 9 13 1010				
5	105 11	61 N	3813 1070				
6	50	6/1 1/1	1 3 8 13 1030				, ,
7	51) 7	611	1/ 13 8 13 (040	10			
8	SW 3	a/ 1	0 3 9 13 050				
q	SW 4	G1 1	J 3 8 B 1055				
10	SW 5	G1 V	1 2 8 17 WAY	7/		<u> </u>	
PLEASE NOTE: Liability and	I Damages. Cardinal's inbility and client's exclusive remedy for					<u> </u>	<u></u>

Refinquished By: Date: Received By: Time: Delivered By: (Circle One) Sample Condition CHECKED BY: (April 18) Sampler - UPS - Bus - Other: Delivered By: (Circle One) Sampler - UPS - Bus - Other: Delivered By: (Circle One)	Relinquished By:	Date: // />	Received	By: //		Phone Result:	☐ Yes	□ No	Add'l Phone #:	<u> </u>	
Delivered By: (Circle One) Sample Condition CHECKED BY: Cool Intact (Artitals) Sampler - UPS - Bus - Other: D	19 4 X	Time: 06		i Hen	son	Fax Result: REMARKS:	☐ Yes	□No	Add'i Fax #:		
Delivered By: (Circle One) Sample Condition CHECKED BY: Cool Intact (Initials) Sampler - UPS - Bus - Other: D	Refinquished By: 0	Date:	Received	By:		•		•	•		
Cool Intact (thitals) Sampler - UPS - Bus - Other: D		Time:	·	•				•	*		
Sampler - UPS - Bus - Other: D DYes DYes DYes	Delivered By: (Circle One)										•
	Sampler - UPS - Bus - Other:		100	U Yes U Yes □ No □ No	JA ,	٠.					





CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	BILL TO		ANALYSIS REQUE	ST
Project Manager:	P.O. #:			
Address:	Company:			
City: State: UN Zip: 38740	Attn:			
Phone #: Fax #:	Address: SAME			
Project #: Project Owner: ()(4)	City:	1		
Project Name: SPLING SIVER 3 6 BUT	State: Zip:	1		
Project Location:	Phone #:	1		
Sampler Name:	Fax #:	1		
FOR LAB USE ONLY MATR				
(C)OMP ERS ATER		12/12		
(G)RAB OR (C)OM # CONTAINERS GROUNDWATER WASTEWATER SOIL		20		
Lab I.D. Sample I.D.	SLUDGE OTHER: ACIDIBASE: ICE / COOL OTHER:			
(G)RAB (G)RAB (GROUNT)	SLUDGE OTHER: ACIDIBASE ICE / COOI OTHER:			
	S S S DATE TIME		 	
11 56 6	3-6-13 1110	1		
13511 9	1 3.0.13 1113			
	38/3/120			
, j				
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing.	ing and received by Cardinal within 30 days after completion of t	he applicable		
service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business intern affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether suc				
Relinquished By:	Phone Re Fax Resu		Add'l Phone #: Add'l Fax #:	
Time	HOM DON REMARK	S:	Aud I rax #.	
Refinquished By: Date: Received By:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Time:		•		
Delivered By: (Circle One) Sample Co	ndition CHEOKED BY:			· · · .
Sampler - UPS - Bus - Other:	act unitals)_			
† Cardinal cannot accept verbal changes. Please fax written change				
Todiumai cannot accept verbal changes. Flease lax written change	to 505-393-2476 #76			
	~ · · · · · · · · · · · · · · · · · · ·			

Kathy Purvis

From:

Bratcher, Mike, EMNRD < mike, bratcher@state.nm.us >

Sent:

Thursday, November 15, 2012 10:27 AM

To:

Cliff P. Brunson

Cc:

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

Subject:

RE: Oxy-Sterling Silver 3 Federal #6

Reference: OXY USA * Sterling Silver 3 Federal 6 * 30-015-27638 * F-3-24s-31e * Eddy County, New Mexico OCD Tracking Number: 2RP-1403 * Date of release: 12/6/11

Cliff,

Your proposal for remediation of the above referenced release is approved with the following conditions/stipulations:

- Notify OCD 48 hours prior to commencement of remedial operations.
- Notify OCD 48 hours prior to obtaining samples where the analyses will be submitted to OCD.
- Obtain representative confirmation samples of bottoms and sidewalls of excavations.
- Obtain approval prior to backfilling excavations.
- Submit a closure report and Form C-141 marked Final Report upon satisfactory completion of project.
- Approval by BLM and/or any other regulatory authority as may be applicable.

NOTE: It was discussed that the sample identified as SP3 @ 7' may have been compromised, based on the upper and lower sample results. While obtaining confirmation samples of the excavation bottom, obtain a sample from this point and depth, to confirm the original sample result as possibly being inaccurate.

NOTE: OCD has a notification of this release, received via email on December 7, 2011. The reported release volume was listed as approximately 65 bbls of oil with no fluid recovered. However, OCD has no record of having received an Initial Report Form C-141 for this release. Please provide the Form C-141 for reporting this release. If the form has been previously submitted, please provide a copy of that submittal, along with date and method of submission. Also, if this remediation proposal is not for this referenced release (release date 12/6/11), please advise immediately.

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

Sent: Tuesday, September 11, 2012 7:21 PM

To: Bratcher, Mike, EMNRD

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

Subject: Oxy-Sterling Silver 3 Federal #6

Mike.

This e-mail is to confirm our discussion on September 5, 2012 concerning the remediation plan for the release that occurred at the Oxy Sterling Silver 3 Federal #6. As agreed, Oxy will excavate 1 foot in the areas covered by SP1, SP2, and SP4 and will excavate to a depth of 2 feet in the area covered by SP5 and excavate to 4 feet in the area covered by SP3 as depicted on the attached site diagram. The excavation will then be backfilled with clean soil. The depth to groundwater is this area is approximately 400 feet.

I have attached the site drawing and the summary of the laboratory data we reviewed during our discussion for your files. If you would please reply back via e-mail with your concurrence of this remediation plan, it would be greatly appreciated.

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

Thanks, Cliff

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

E-Mail: cbrunson@bbcinternational.com

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Kathy Purvis

From: Amos, James <jamos@blm.gov>
Sent: Monday, December 17, 2012 9:28 AM

To: Cliff P. Brunson

Cc:C J Summers; Ken Swinney; Jennifer Gilkey; Kathy PurvisSubject:Re: Oxy Sterling Silver 3 Federal #6 - remediation plan

On Mon, Dec 17, 2012 at 9:22 AM, Amos, James < jamos@blm.gov > wrote: Everybody,

Again I'm good with Mike's assessment of the remediation plan and his conditions of approval. Keep me in the loop as far as notification of start and prior to closure. I did check with arch and we're good. I do need a copy of the spill report. Again this event occurred over a year ago. Same concerns.

Thanks,

J. Amos

On Sun, Dec 16, 2012 at 6:16 PM, Cliff P. Brunson < <u>cbrunson@bbcinternational.com</u>> wrote: Jim,

I have attached a remediation packet of information for your review. This packet includes the approval from the NMOCD, a site diagram with sample points and remediation/excavations area depicted, a lab data summary table, and the original lab data.

Oxy proposes to the BLM to conduct the remediation plan approved by the NMOCD. In the areas covered by SP1, SP2, and SP4, the soil will be excavated to a depth of 1 foot. In the area covered by SP4, the soil will be excavated to a depth of 4 feet and in the area covered by SP5, the excavation will be 2 feet deep. An initial response was conducted at the time of the release and approximately 6 inches of soil was excavated to remove the highest concentration of impacted soil. After the excavation is completed, all areas will be backfilled with the appropriate material and the areas off the location will be seeded with the appropriate BLM seed mix.

Oxy is therefore requesting the approval of the BLM to proceed with the submitted remediation plan. If you would please respond back via e-mail with your approval, it would be greatly appreciated. If you have any questions, please let us know.

Thank you,

Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388

Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com

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