State of New Mexico **Energy Minerals and Natural Resources**

Form C-141 Revised April 3, 2017

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

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

Name of Company						OPERA 1	OR		Initial	Report	⊠ Fin	al Repor
Surface Owner BLM					_							
Surface Owner BLM Mineral Owner BLM API No. 30-015-27425												
LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line Feet from the East/West Line County D 33 238 31E 660 NORTH 660 WEST EDDY Latitude_N 32.26326° Longitude_W 103.781833° NAD83 NATURE OF RELEASE Type of Release OIL & PRODUCED WATER Volume of Release 14.5 bbls Ook of North Ook of North	Facility Name STE	KLING SILV	EK 33 F.	EDERAL #3 CIB	3 I•	acility Typ	BATTERY					
Unit Letter Section Township Range Feet from the North/South Line Feet from the Bast/West Line County Latitude N 32.26326° Longitude W 103.781833° NAD83 NATURE OF RELEASE Type of Release OIL & PRODUCED WATER Volume of Release 14.5 bbls oil, 30 bbls produced water in 30 bbls	Surface Owner BLM	M		Mineral Owr	ner	BLM			API No.	30-015-	27425	
Latitude N 32.26326° Longitude W 103.781833° NAD83 NATURE OF RELEASE Type of Release OIL & PRODUCED WATER Source of Release Storm caused a tank spill Obte and Hour of Occurrence Date and Hour of Discovery Ollow22017 Was Immediate Notice Given? Was Immediate Notice Given? Yes No Not Required High Be International Inc. Was a Watercourse Reached? If YES, To Whom? Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. If YES, Volume Impacting the Watercourse. Describe Cause of Problem and Remedial Action Taken.* A storm caused the oil tank to spill 14.5 bbls of oil and 0.5 bbl of produced water. A vacuum truck recovered 14 bbls of oil and 30 bbls of a produced water/min water mixture. The tank battery was returned to service. Describe Area Affected and Cleanup Action Taken.* The affected area is approximately 450' x 30' both on location and heading northwest all location into the pasture. Remediation was completed in accordance with the approved remediation plan from NMOCD (2-15-2017 by Mike Bratcher) and the BLM (2)14/2017 by Shelly Tucker). Thereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of itability should their operations have failed to adequately investigate and remediate contamination that pose a therat to ground water, surface water, human healid or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.												
Latitude N 32.26326° Longitude W 103.781833° NAD83	Unit Letter Section	Township	Range	Feet from the N	North/S	South Line	Feet from the	East/V	Vest Line		County	
Type of Release OIL & PRODUCED WATER Type of Release OIL & PRODUCED WATER Volume of Release 14.5 bbls oil, 0.5 bbl produced water 30 bbls produced water/rain water mix 40 bate and Hour of Occurrence 41 bbls of Date and Hour Ol/03/2017 © 10:14 am 41 by Whom? Kathy Purvis © BBC International Inc. 41 Date and Hour Ol/03/2017 © 10:14 am 42 Date and Hour Ol/03/2017 © 10:14 am 43 by Watercourse was Impacted, Describe Fully.* 42 A storm caused the oil tank to spill 14.5 bbls of oil and 0.5 bbl of produced water. A vacuum truck recovered 14 bbls of oil and 30 bbls of a produced water/rain water mixture. The tank battery was returned to service. 43 Describe Area Affected and Cleanup Action Taken.* 44 The affected area is approximately 450' x 30' both on location and heading northwest all location into the pasture. Remediation was completed in accordance with the approved remediation plan from NMOCD (2-15-2017 by Mike Bratcher) and the BLM (2/14/2017 by Shelly Tucker). 45 In hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. 41 OIL CONSERVATION DIVISION	D 33	23\$	31E	660	NC	ORTH	660	w	EST		EDDY	₩.
Type of Release OIL & PRODUCED WATER Volume of Release 14.5 bbls 30 bbls produced water 30 bbls produced 30 bbls produced water 30 bbls produced 30 bbls pr		1	Latitude	N 32.26326°	Long	itude_W	03.781833°_	NAD	83			
Source of Release Storm caused a tank spill Date and Hour of Occurrence Oli/02/2017 Was Immediate Notice Given? Yes No Not Required MIKE BRATCHER-NMCD; CRYSTAL WEAVER-NMOCD; SHELLY TUCKER-BLM MIKE BRATCHER-NMCD; CRYSTAL WEAVER-NMOCD; SHELLY TUCKER-BLM Was a Watercourse Reached? If YES, Volume Impacting the Watercourse. If a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* A storm caused the oil tank to spill 14.5 bbls of oil and 0.5 bbl of produced water. A vacuum truck recovered 14 bbls of oil and 30 bbls of a produced water/rain water mixture. The tank battery was returned to service. Describe Area Affected and Cleanup Action Taken.* The affected area is approximately 450' x 30' both on location and heading northwest all location into the pasture. Remediation was completed in accordance with the approved remediation plan from NMOCD (2-15-2017 by Mike Bratcher) and the BLM (2/14/2017 by Shelly Tucker). I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/of file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report does not relieve the operator of flability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human healtor the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION					RE (OF RELI	EASE					
Source of Release Storm caused a tank spill Date and Hour of Occurrence 0/1/02/2017 Was Immediate Notice Given? We yes No Not Required If YES, To Whom? MIKE BRATCHER-NMCD; CRYSTAL WEAVER-NMOCD; SHELLY TUCKER-BLM By Whom? Kathy Purvis @ BBC International Inc. Date and Hour 0/1/03/2017 @ 10:14 am Was a Watercourse Reached? We was a Watercourse was Impacted, Describe Fully.* Describe Cause of Problem and Remedial Action Taken.* A storm caused the oil tank to spill 14.5 bbls of oil and 0.5 bbl of produced water. A vacuum truck recovered 14 bbls of oil and 30 bbls of a produced water/rain water mixture. The tank battery was returned to service. Describe Area Affected and Cleanup Action Taken.* The affected area is approximately 450' x 30' both on location and heading northwest all location into the pasture. Remediation was completed in accordance with the approved remediation plan from NMOCD (2-15-2017 by Mike Bratcher) and the BLM (2/14/2017 by Shelly Tucker). I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION	Type of Release OIL	& PRODUCEE	D WATER	₹				bbls				nix
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By Whom? Kathy Purvis @ BBC International Inc. Date and Hour 01/03/2017 @ 10:14 am	Was Immediate Notice C		Yes 🔲	No Not Requ	ired	MIKE BRA	TCHER-NMCD	; CRYS	TAL WEA	VER-NMOO	CD; SHELI	LY
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	regulations all operators public health or the envir should their operations h or the environment. In a	are required to ronment. The a ave failed to ad ddition, NMOO	report an acceptance dequately CD accept	d/or file certain releate of a C-141 report be investigate and remove the contract of the cont	ase no by the ediate	tifications ar NMOCD ma contamination	d perform correcurked as "Final Room that pose a three	tive acti eport" d eat to gr	ons for relea oes not relie ound water,	ases which reve the opera surface wat	nay endang itor of liab er, human	ger ility health
Signature: //adl/sttl	/,	11	15	/			OIL CONS	SERV			_	
		de ffit	M			Approved by	Environmental Si	necialist	(4)	uttan	Hal	(
Printed Name: WADE DITTRICH	Printed Name: WADE	DITTRICH			1"					, ,		
Title: ENVIROMENTAL SPECIALIST Approval Date: 4/4/2023 Expiration Date: N/A	Title: ENVIROMENT	AL SPECIAL	IST		A	Approval Dat	2: 4/4/2023	I	Expiration D	Date: N/A		
E-mail Address: wade_dittrich@oxy.com Conditions of Approval: Attached	E-mail Address: wade	_dittrich@oxy.	con,		c	Conditions of	Approval:			Attached		
Date: 12-5-17 Phone: 575-390-2828 none				-390-2828		n	one					
Attach Additional Sheets If Necessary	Attach Additional Shee	ets It Necessa	ıry									

Closure Report

	Site Description
Site Name:	Sterling Silver 33 Fed #003 CTB
Company:	Oxy Permian Ltd.
Legal Description:	NW 1/4, Section 33, T23S, R31E
County:	Eddy County, NM
GPS Coordinates:	N 32.26326° W 103.78183°

	Release Data
Date of Release:	01/02/2017
Type of Release:	Oil and produced water
Source of Release:	Storm caused a tank to spill
Volume of Release:	14.5 bbls oil, 0.5 bbl produced water
Volume Recovered:	14 bbls oil, 30 bbls produced water/rain mix

	Remediatio	n Specifications
Remediation Parameters:	SP4 & SP5 to 3 f a TPH confirmation The rest of the le	SP2 to 6 inches. Excavate SP3 to 2 feet. Excavate eet. The dividing line between SP5 & SP6 will have on sample taken. SP6 will be excavated to 1 foot. ak area including SP7-SP9 will be excavated to 5 site will then be backfilled with clean soil.
Remediation Activities:	11/06/2017 to 1	1/17/2017
Plan Sent to OCD:	02/07/2017	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	02/15/2017	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	02/07/2017	Email from Cliff Brunson to Shelly Tucker
BLM Approval of Plan:	02/14/2017	Email from Shelly Tucker to Cliff Brunson

	Supporting Documentation
Initial C-141	Signed 01/11/2017
Final C-141	Upon completion
Site Diagram	February 2017
Groundwater Plot	275'
TOPO Maps	February 2017
Lab Summary	01/16/2017-01/17/2017 and 11/06/2017
Lab Analysis	01/16/2017-01/17/2017 and 11/06/2017
Correspondence	Request and approval of remediation plan via email

Request for Closure

Based on the completion of the remediation plan, BBC requests closure approval from NMOCD.

Wade Dittrich, Oxy Permian Ltd.

12/05/2017

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 S. First St., 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**

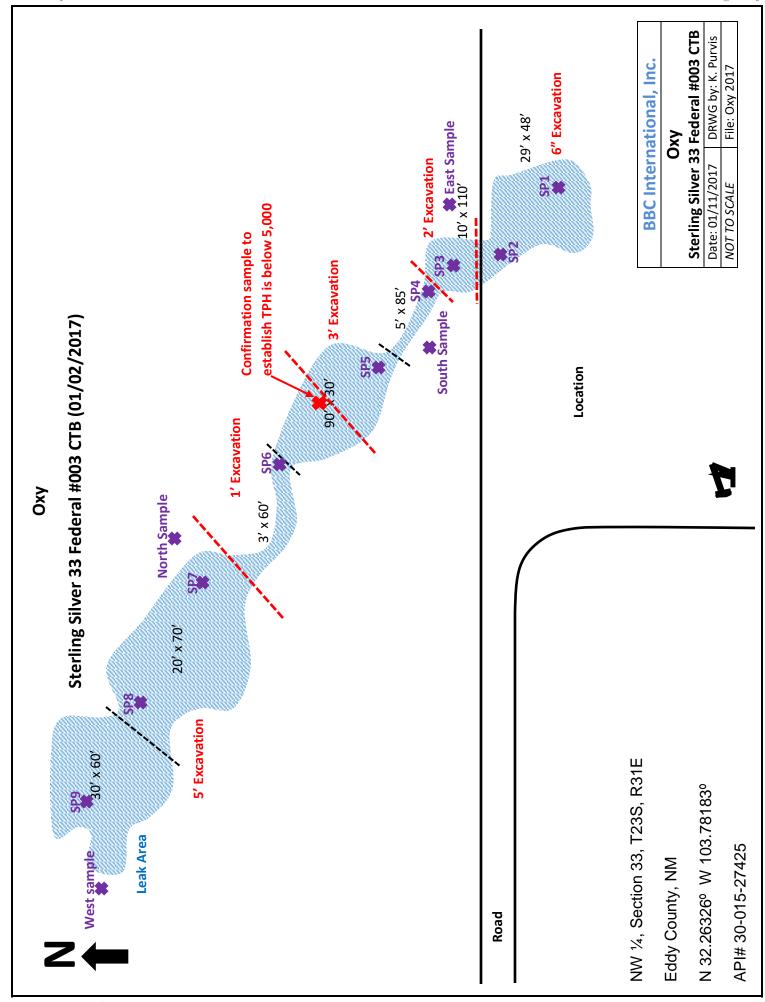
Form C-141 Revised August 8, 2011

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

Release Notification and Corrective Action

Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

					(OPERAT	OR	\boxtimes	Initial	Report		Final Report
Name of Co		Oxy Permia					Casey Summers			-		
		94; Houston				Telephone N		-8289				
Facility Nan	ne Sterli	ing Silver 33	Federal	#003 CTB	1	Facility Typ	e Battery					
Surface Ow	ner BLN	1		Mineral C)wner				API No	. 30-015-	27425	
				LOCA	ΓΙΟΝ	OF REL	EASE					
Unit Letter	Section	Township	Range	Feet from the	North/	South Line	Feet from the	East/We	st Line	County		
NW ¼	33	23S	31E							Eddy Co	unty, N	ΙΜ
. —			La	titude <u>N 32.26</u>	<u>326°</u>	Longitude	<u>W 103.781833</u>	0				
				NATU	JRE C	F RELE	ASE					
Type of Relea	ise Oil an	d produced w	ater				Release 14.5 bb duced water			ecovered		ols oil, n water mix
Source of Rel	ease Storr	n caused a tar	ık spill			Date and H	lour of Occurrenc			Hour of Di		
Was Immedia	te Notice C	liven?				01/02/2017 If YES, To						
			Yes [No Not Re	equired		ther, Crystal Wea	ver- NMO	CD; She	lly Tucker	- BLM	
By Whom?			nternation	al Inc.		Date and H						
Was a Watero	ourse Reac		Yes 🗵	No		If YES, Vo	olume Impacting t	the Waterc	course.			
If a Watercou	rse was Im	pacted, Descr	ibe Fully.	k		1						
	•		•									
Describe Cau	se of Proble	m and Reme	dial Actio	n Taken.*								
				oil and 0,5 bbl of		d water. A va	acuum truck reco	vered 14 b	bls of oil	and 30 bb	ls of a	produced
				returned to service	3.							
Describe Area	Affected a	ind Cleanup A	Action Tal	ken.*								
				oth on location and			off location into th	he pasture.	Remedi	ation will	be com	pleted in
accordance w	ith an appro	oved remedial	ion plan f	rom NMOCD and	the BL	М.						
				is true and comp								
				nd/or file certain re se of a C-141 repo								
				investigate and re								
				tance of a C-141	report de	oes not reliev	e the operator of i	responsibil	lity for co	mpliance	with ar	ny other
federal, state,	or local lav	vs and/or regu	ilations.				OIL CON	OED3/A	TION	DIVIGI	ON I	
	1./		1				OIL CON	<u>SEKVA</u>	TION	DIVISI	<u>UN</u>	
Signature:	12											
Printed Name	Casey	ummers				Approved by	Environmental S	pecialist:				
Title: NM E	invironmen	tal Advisor				Approval Dat	e:	Ex	piration I	Date:		
E-mail Addre		1	API					-				
E-mail Addre	ss: <u>cases</u>	Summers@	oxy.com		\dashv	Conditions of	Approvat:			Attache	d 🔲	
Date:	-11-		Phone	(575) 513-828	9							
Attach Addition	onal Sheets	s It Necessai	у									



Section Quarters

Oxy Sterling Silver 33 Fed #003 CTB

Trend Map 275'

1

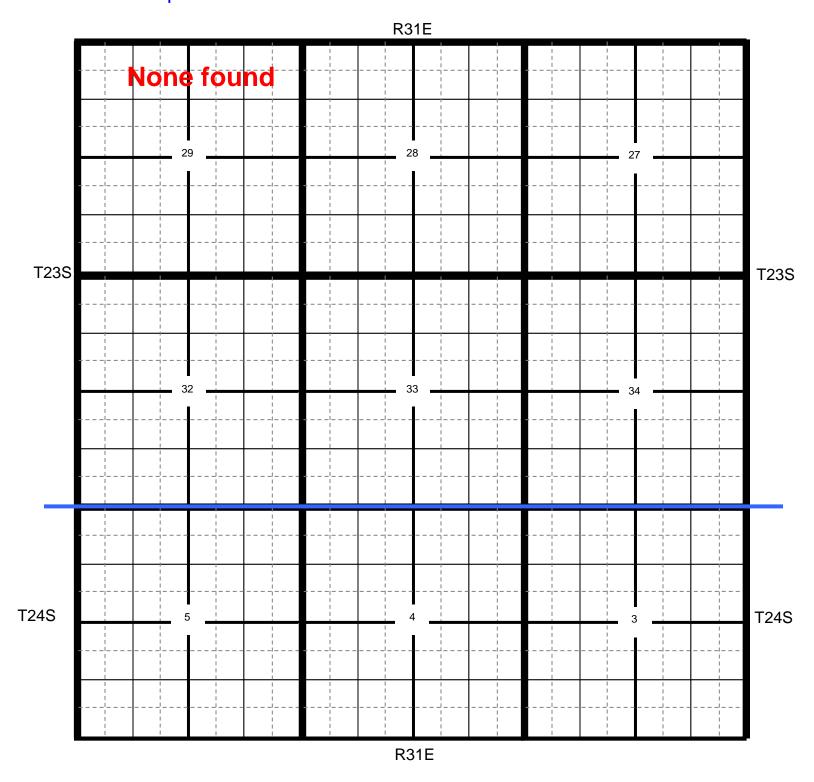
NW/NW	NE/NW	NW/NE	NE/NE
None found			
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Letter E	Unit Letter F	Unit Letter G	Unit Letter H
NW/SW	NE/SW	NW/SE	NE/SE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SW/SW	SE/SW	SW/SE	SE/SE
Unit Letter M	Unit Letter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

3

Groundwater Plot

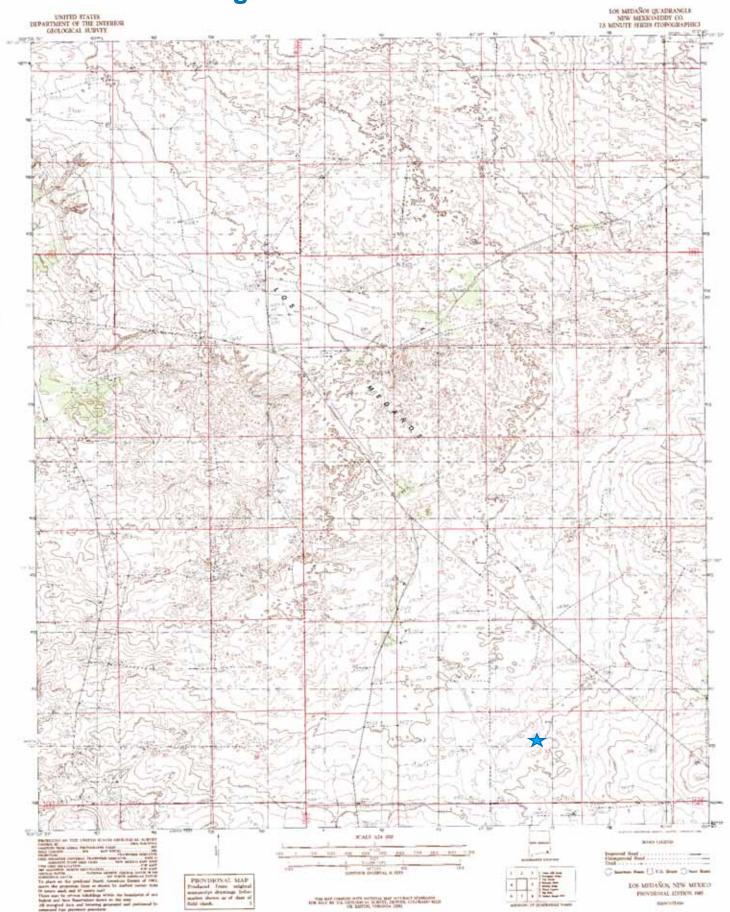
Oxy Sterling Silver 33 Federal #003H

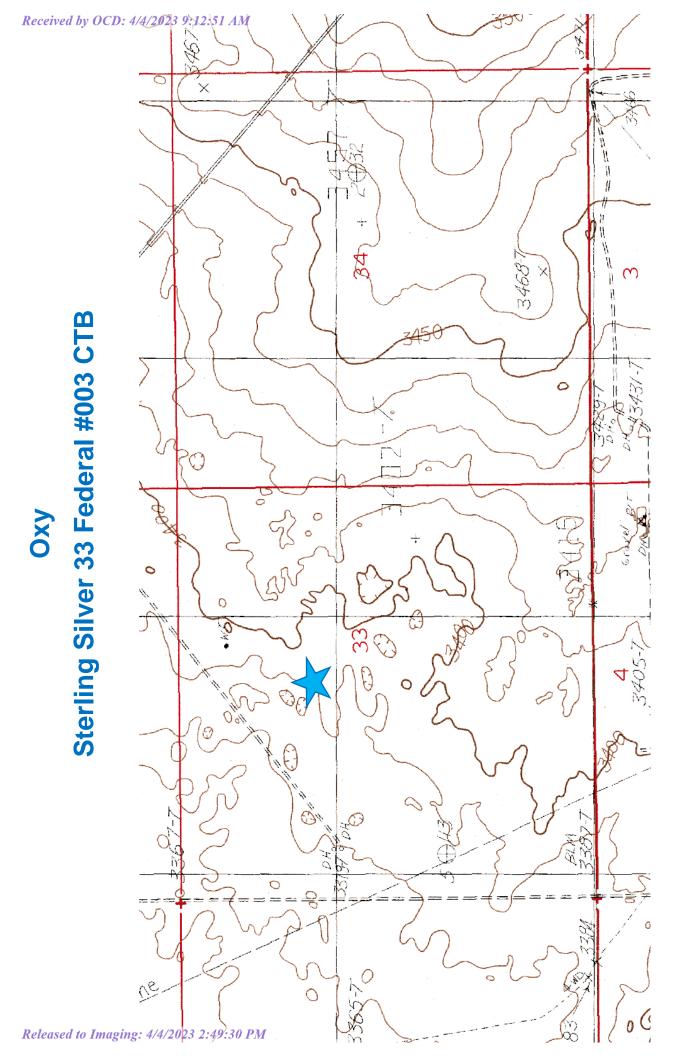
Trend Map 275'



Oxy

Sterling Silver 33 Federal #003 CTB





Laboratory Analytical Results Summary Sterling Silver 33 Federal #003 CTB

		Sample	SP5 @ 1'	SP5 @ 3'	SP5 @ 7'
Analyte	Method	Date	1/16/17	1/16/17	1/16/17
			mg/Kg	mg/Kg	mg/Kg
3enzene	BTEX 8021B		<0.100	<0.500	<0.050
oluene	BTEX 8021B		9.375	4.35	<0.050
hylbenzene	thylbenzene BTEX 8021B		0.919	5.2	<0.050
tal Xylenes	otal Xylenes BTEX 8021B		3.8	26	<0.150
otal BTEX	BTEX 8021B		60'9	35.5	<0.300
Chloride	SM4500CI-B		32	16	176
3RO	TPH 8015M		182	895	<10.0
DRO	TPH 8015M		2050	4990	15.5

		Sample	SP6 @ 3'	SP6 @ 5'	SP6 @ 7'
Analyte	Method	Date	1/16/17	1/16/17	1/16/17
			gX/gm	gX/gm	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		6.073	<0.050	<0.050
Ethylbenzene BTEX 8021B	BTEX 8021B		0.217	<0.050	<0.050
Total Xylenes BTEX 8021B	BTEX 8021B		1.31	<0.150	<0.150
Total BTEX	BTEX 8021B		1.6	<0.300	<0.300
Chloride	SM4500CI-B		32	96	160
GRO	TPH 8015M		7.74	<10.0	<10.0
DRO	TPH 8015M		223	<10.0	13.4

mg/Kg <0.050 <0.050

mg/Kg <0.050

BTEX 8021B BTEX 8021B

Benzene Toluene

		Sample	SP7 @ 1'	SP7 @ 3'	SP7 @ 5'	SP7 @ 8'
Analyte	Method	Date	1/16/17	1/16/17	1/16/17	1/16/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<1.00	<2.00	<2.00	<0.050
Toluene	BTEX 8021B		5.57	24.2	16.1	<0.050
Ethylbenzene BTEX 8021B	BTEX 8021B		8.35	22.8	14.6	<0.050
Total Xylenes BTEX 8021B	BTEX 8021B		35.7	112	65.4	<0.150
Total BTEX	BTEX 8021B		49.6	159	96.1	<0.300
Chloride	SM4500CI-B		32	32	32	32
GRO	TPH 8015M		1900	3090	1430	<10.0
DRO	TPH 8015M		9640	10400	5740	<10.0

mg/Kg <0.050 <0.050 <0.050 <0.150 <0.300 <192 <10.0

<0.050 <0.050 <0.050 <0.150 <0.300 **128** <10.0

<0.050<0.050<0.050<0.050<0.150<0.300<0.100

mg/Kg <2.00 24.3 18.5 90.7 133 32 2700

BTEX 8021B BTEX 8021B BTEX 8021B BTEX 8021B BTEX 8021B SM4500Cl-B TPH 8015M

Toluene Ethylbenzene Ethylbenzene Ethylbenzene Total Xylenes E Chloride SGRO T

<10.0

14.4

9580

TPH 8015M

		Sample	SP8 @ 1'	SP8 @ 3'	SP8 @ 5'	SP8 @ 8'
Analyte	Method	Date	1/16/17	1/16/17	1/16/17	1/16/17
			gX/gm	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<1.00	<2.00	<0.500	<0.050
Toluene	BTEX 8021B		5.72	14.7	5.6	<0.050
Ethylbenzene BTEX 8021B	BTEX 8021B		8.21	13.9	4.35	<0.050
Total Xylenes BTEX 8021B	BTEX 8021B		33.8	66.1	17.7	<0.150
Total BTEX	BTEX 8021B		7.74	94.8	24.6	<0.300
Chloride	SM4500CI-B		32	32	48	16
GRO	TPH 8015M		1870	3190	946	<10.0
DRO	TPH 8015M		9410	12000	6840	<10.0

		Sample	SP1 @ 1.	SP1 @ 2'
Analyte	Method	Date	1/16/17	1/16/17
			mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050
Toluene	BTEX 8021B		0.055	<0.050
Ethylbenzene BTEX 8021B	BTEX 8021B		0.112	<0.050
Total Xylenes BTEX 8021B	BTEX 8021B		0.77	<0.150
Total BTEX	BTEX 8021B		0.937	<0.300
Chloride	SM4500CI-B		272	256
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		131	<10.0
		Sample	SP2 @ 1'	SP2 @ 2'
Analyte	Method	Date	1/16/17	1/16/17

. <i>L</i> @ £dS	SP3 @ 5'	SP3 @ 3,	SP3 @ 1'	Sample		
	-	<10.0	143		TPH 8015M	DRO
	-	<10.0	<10.0		TPH 8015M	GRO
	-	526	272		SM4500CI-B	Chloride
		<0.300	0.682		BTEX 8021B	Total BTEX
		<0.150	0.537		BTEX 8021B	Total Xylenes BTEX 8021B
		<0.050	0.083		BTEX 8021B	Ethylbenzene BTEX 8021B

Date

Method

Analyte

Benzene

		Sample	SP4 @ 1'	SP4 @ 3'	SP4 @ 5'	SP4 @ 7'
Analyte	Method	Date	1/17/17	1/17/17	1/17/17	1/17/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<2.00	<0.500	<0.050	<0.050
Toluene	BTEX 8021B		0.843	4.76	<0.050	<0.050
Ethylbenzene BTEX 8021B	BTEX 8021B		7	5.41	<0.050	<0.050
Total Xylenes BTEX 8021B	BTEX 8021B		9.19	26.5	<0.150	<0.150
Total BTEX	BTEX 8021B		12	2.98	<0.300	<0.300
Chloride	SM4500CI-B		32	32	80	<16.0
GRO	TPH 8015M		478	921	<10.0	<10.0
DRO	TPH 8015M		4200	4490	10.9	<10.0

Laboratory Analytical Results Summary Sterling Silver 33 Federal #003 CTB

		Sample	SP9 @ 1'	SP9 @ 3'	SP9 @ 5'	SP9 @ 8'
Analyte	Method	Date	1/16/17	1/16/17	1/16/17	1/16/17
			mg/Kg	mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<2.00	<2.00	<2.00	<0.050
Toluene	BTEX 8021B		54	22.9	6.92	<0.050
Ethylbenzene BTEX 8021B	BTEX 8021B		17.4	22.8	8.28	<0.050
Total Xylenes	otal Xylenes BTEX 8021B		84.2	113	42.1	<0.150
Total BTEX	BTEX 8021B		126	159	6.73	<0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		3110	3400	1740	<10.0
DRO	TPH 8015M		11300	11800	0982	<10.0

		sample	SAMPLE
Analyte	Method	Date	41/41/1
			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		144
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SAMPLE
Analyte	Method	Date	1/17/17
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes BTEX 8021B	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		160
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

סאט	1 F F 60 I 3 W		< 10.0
		Sample	EAST SAMPLE
Analyte	Method	Date	1/17/17
			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		176
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SOUTH
Analyte	Method	Date	11/17/17
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes BTEX 8021B	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500CI-B		144
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample ID	5
Analyte	Method	Date	11/6/17
			mg/kg
RO	TPH 8015M		<10.0
RO	TPH 8015M		<10.0
XT DRO	TPH 8015M		<10.0

		Sample ID	ទ
Analyte	Method	Date	11/6/17
			mg/kg
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0
EXT DRO	TPH 8015M		<10.0



January 27, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STERLING SILVER 33 FED #003CTB

Enclosed are the results of analyses for samples received by the laboratory on 01/20/17 11:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 1 @ 1' (H700140-01)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	1.89	94.7	2.00	1.16	
Toluene*	0.055	0.050	01/25/2017	ND	1.88	94.0	2.00	0.834	
Ethylbenzene*	0.112	0.050	01/25/2017	ND	1.91	95.4	2.00	0.817	
Total Xylenes*	0.770	0.150	01/25/2017	ND	5.41	90.1	6.00	0.648	
Total BTEX	0.937	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	107 9	73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/23/2017	ND	400	100	400	3.92	
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	01/20/2017	ND	192	95.9	200	0.904	
DRO >C10-C28	131	10.0	01/20/2017	ND	200	100	200	1.12	
Surrogate: 1-Chlorooctane	81.7	% 35-147	,						
Surrogate: 1-Chlorooctadecane	102 9	6 28-171							

Cardinal Laboratories *=Accredited Analyte

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Celeg D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 1 @ 2' (H700140-02)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	1.89	94.7	2.00	1.16	
Toluene*	<0.050	0.050	01/25/2017	ND	1.88	94.0	2.00	0.834	
Ethylbenzene*	<0.050	0.050	01/25/2017	ND	1.91	95.4	2.00	0.817	
Total Xylenes*	<0.150	0.150	01/25/2017	ND	5.41	90.1	6.00	0.648	
Total BTEX	<0.300	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/23/2017	ND	400	100	400	3.92	
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	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	<10.0	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	73.6 %	% 35-147	,						
Surrogate: 1-Chlorooctadecane	99.2 9	6 28-171							

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 2 @ 1' (H700140-03)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	1.89	94.7	2.00	1.16	
Toluene*	0.063	0.050	01/25/2017	ND	1.88	94.0	2.00	0.834	
Ethylbenzene*	0.083	0.050	01/25/2017	ND	1.91	95.4	2.00	0.817	
Total Xylenes*	0.537	0.150	01/25/2017	ND	5.41	90.1	6.00	0.648	
Total BTEX	0.682	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	105 %	73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	272	16.0	01/23/2017	ND	400	100	400	3.92	
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	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	143	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	81.0 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	94.0 9	% 28-171							

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Celeg D. Kreene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 2 @ 2' (H700140-04)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	1.89	94.7	2.00	1.16	
Toluene*	<0.050	0.050	01/25/2017	ND	1.88	94.0	2.00	0.834	
Ethylbenzene*	<0.050	0.050	01/25/2017	ND	1.91	95.4	2.00	0.817	
Total Xylenes*	<0.150	0.150	01/25/2017	ND	5.41	90.1	6.00	0.648	
Total BTEX	<0.300	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	256	16.0	01/23/2017	ND	400	100	400	3.92	
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	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	<10.0	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	75.7 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	93.1 9	% 28-171							

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Celeg D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 3 @ 1' (H700140-05)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	01/25/2017	ND	1.89	94.7	2.00	1.16	
Toluene*	24.3	2.00	01/25/2017	ND	1.88	94.0	2.00	0.834	
Ethylbenzene*	18.5	2.00	01/25/2017	ND	1.91	95.4	2.00	0.817	
Total Xylenes*	90.7	6.00	01/25/2017	ND	5.41	90.1	6.00	0.648	
Total BTEX	133	12.0	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	110	% 73.6-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2017	ND	400	100	400	3.92	
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	2700	10.0	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	9580	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	258	% 35-147	7						
Surrogate: 1-Chlorooctadecane	239	% 28-171							

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Celeg D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 3 @ 3' (H700140-06)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	< 0.050	0.050	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	< 0.050	0.050	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	<0.300	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/23/2017	ND	400	100	400	3.92	
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	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	14.4	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	83.9 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	108 %	6 28-171							

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Celeg D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 3 @ 5' (H700140-07)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	< 0.050	0.050	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	< 0.050	0.050	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	<0.300	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	128	16.0	01/23/2017	ND	400	100	400	3.92	
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	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	<10.0	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	85.2	% 35-147	,						
Surrogate: 1-Chlorooctadecane	102 9	6 28-171							

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Celey D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 3 @ 7' (H700140-08)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	<0.050	0.050	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	<0.300	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	192	16.0	01/23/2017	ND	400	100	400	3.92	
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	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	18.5	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	83.6 %	6 35-147	,						
Surrogate: 1-Chlorooctadecane	101 %	6 28-171							

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 4 @ 1' (H700140-09)

BTEX 8021B	mg/	mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.200	0.200	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	0.843	0.200	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	2.00	0.200	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	9.19	0.600	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	12.0	1.20	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	128 9	73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2017	ND	400	100	400	3.92	
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	478	10.0	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	4200	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	139 %	% 35-147	,						
Surrogate: 1-Chlorooctadecane	162 9	% 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 4 @ 3' (H700140-10)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	4.76	0.500	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	5.41	0.500	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	26.5	1.50	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	36.7	3.00	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	116 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/23/2017	ND	400	100	400	3.92	
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	921	10.0	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	4490	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	159 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	169 9	6 28-171							

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Celeg D. Kreene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 4 @ 5' (H700140-11)

BTEX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	<0.050	0.050	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	<0.300	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	104 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	01/23/2017	ND	400	100	400	3.92	
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	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	10.9	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	86.5 %	6 35-147	,						
Surrogate: 1-Chlorooctadecane	106 %	6 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 4 @ 7' (H700140-12)

BTEX 8021B	mg/l	mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	<0.050	0.050	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	<0.300	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/l	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/23/2017	ND	400	100	400	3.92	
TPH 8015M	mg/l	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	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	<10.0	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	82.6 %	6 35-147	,						
Surrogate: 1-Chlorooctadecane	104 %	6 28-171							

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Analytical Results For:

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Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 5 @ 1' (H700140-13)

BTEX 8021B	mg/	mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.100	0.100	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	0.375	0.100	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	0.919	0.100	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	3.80	0.300	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	5.09	0.600	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	131 9	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	182	10.0	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	2050	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	106 9	% 35-147	7						
Surrogate: 1-Chlorooctadecane	128 9	% 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 5 @ 3' (H700140-14)

BTEX 8021B	mg/kg Analyzed By: CK		d By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	4.35	0.500	01/25/2017	ND	2.10	105	2.00	1.09	QM-07
Ethylbenzene*	5.20	0.500	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	26.0	1.50	01/25/2017	ND	6.08	101	6.00	1.55	QM-07
Total BTEX	35.5	3.00	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	115 9	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	895	10.0	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	4990	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	170 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	165 9	% 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 5 @ 7' (H700140-15)

EX 8021B	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	<0.050	0.050	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	<0.300	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/24/2017	ND	432	108	400	3.77	
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	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	15.5	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	88.5 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	106 %	6 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 6 @ 3' (H700140-16)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	0.073	0.050	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	0.217	0.050	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	1.31	0.150	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	1.60	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	47.7	10.0	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	573	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	106 %	6 35-147	,						
Surrogate: 1-Chlorooctadecane	107 %	6 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 6 @ 5' (H700140-17)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	<0.050	0.050	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	<0.300	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	<10.0	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	86.0 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	101 %	6 28-171							

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Celeg D. Kreene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 6 @ 7' (H700140-18)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/25/2017	ND	2.12	106	2.00	1.32	
Toluene*	<0.050	0.050	01/25/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	<0.050	0.050	01/25/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/25/2017	ND	6.08	101	6.00	1.55	
Total BTEX	<0.300	0.300	01/25/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 9	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/24/2017	ND	432	108	400	3.77	
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	01/23/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	13.4	10.0	01/23/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	86.4	% 35-147	,						
Surrogate: 1-Chlorooctadecane	107 9	6 28-171							

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Celeg D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 7 @ 1' (H700140-19)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/26/2017	ND	2.12	106	2.00	1.32	
Toluene*	5.57	1.00	01/26/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	8.35	1.00	01/26/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	35.7	3.00	01/26/2017	ND	6.08	101	6.00	1.55	
Total BTEX	49.6	6.00	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	119 9	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2017	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyzed By: MS						S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	1900	100	01/24/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	9640	100	01/24/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	171 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	267 9	% 28-171							

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Celeg D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 7 @ 3' (H700140-20)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	01/26/2017	ND	2.12	106	2.00	1.32	
Toluene*	24.2	2.00	01/26/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	22.8	2.00	01/26/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	112	6.00	01/26/2017	ND	6.08	101	6.00	1.55	
Total BTEX	159	12.0	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	111 9	6 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2017	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3090	100	01/24/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	10400	100	01/24/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	194 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	255 9	6 28-171							

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Celeg D. Keine



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 7 @ 5' (H700140-21)

Toluene*	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	01/26/2017	ND	2.12	106	2.00	1.32	
Toluene*	16.1	2.00	01/26/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	14.6	2.00	01/26/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	65.4	6.00	01/26/2017	ND	6.08	101	6.00	1.55	
Total BTEX	96.1	12.0	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	107	% 73.6-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	1430	10.0	01/26/2017	ND	196	98.0	200	0.0428	
DRO >C10-C28	5740	10.0	01/26/2017	ND	203	102	200	0.311	
Surrogate: 1-Chlorooctane	107 5	% 35-147	,						
Surrogate: 1-Chlorooctadecane	131	% 28-171							

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Celeg D. Kreene

Celey D. Keene, Lab Director/Quality Manager

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 7 @ 8' (H700140-22)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/26/2017	ND	2.12	106	2.00	1.32	
Toluene*	<0.050	0.050	01/26/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	< 0.050	0.050	01/26/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	<0.150	0.150	01/26/2017	ND	6.08	101	6.00	1.55	
Total BTEX	<0.300	0.300	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	01/25/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	<10.0	10.0	01/25/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	81.0 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	87.8 9	% 28-171							

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 8 @ 1' (H700140-23)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<1.00	1.00	01/26/2017	ND	2.12	106	2.00	1.32	
Toluene*	5.72	1.00	01/26/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	8.21	1.00	01/26/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	33.8	3.00	01/26/2017	ND	6.08	101	6.00	1.55	
Total BTEX	47.7	6.00	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	120 9	% 73.6-14	0						
Chloride, SM4500CI-B	mg/	'kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	1870	10.0	01/23/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	9410	10.0	01/23/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	215 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	241 9	% 28-171							

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Celeg Ditreene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 8 @ 3' (H700140-24)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	01/26/2017	ND	2.12	106	2.00	1.32	
Toluene*	14.7	2.00	01/26/2017	ND	2.10	105	2.00	1.09	
Ethylbenzene*	13.9	2.00	01/26/2017	ND	2.14	107	2.00	1.54	
Total Xylenes*	66.1	6.00	01/26/2017	ND	6.08	101	6.00	1.55	
Total BTEX	94.8	12.0	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	110 9	% 73.6-14	0						
Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	01/24/2017	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	Analyzed By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3190	100	01/24/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	12000	100	01/24/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	207	% 35-147	7						
Surrogate: 1-Chlorooctadecane	307	% 28-171							

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Celeg D. Kreene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 8 @ 5' (H700140-25)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.500	0.500	01/26/2017	ND	1.98	98.9	2.00	1.64	
Toluene*	2.60	0.500	01/26/2017	ND	1.96	97.8	2.00	2.21	
Ethylbenzene*	4.35	0.500	01/26/2017	ND	2.00	99.9	2.00	1.93	
Total Xylenes*	17.7	1.50	01/26/2017	ND	5.70	95.1	6.00	1.58	
Total BTEX	24.6	3.00	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	122 9	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	946	10.0	01/23/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	6840	10.0	01/23/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	176 %	% 35-147	,						
Surrogate: 1-Chlorooctadecane	199 9	% 28-171							

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Celey D. Keene



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 8 @ 8' (H700140-26)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/26/2017	ND	1.98	98.9	2.00	1.64	
Toluene*	< 0.050	0.050	01/26/2017	ND	1.96	97.8	2.00	2.21	
Ethylbenzene*	< 0.050	0.050	01/26/2017	ND	2.00	99.9	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/26/2017	ND	5.70	95.1	6.00	1.58	
Total BTEX	<0.300	0.300	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	01/23/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	<10.0	10.0	01/23/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	97.5 %	% 35-147	,						
Surrogate: 1-Chlorooctadecane	99.5 9	6 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 9 @ 1' (H700140-27)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	01/26/2017	ND	1.98	98.9	2.00	1.64	
Toluene*	24.0	2.00	01/26/2017	ND	1.96	97.8	2.00	2.21	
Ethylbenzene*	17.4	2.00	01/26/2017	ND	2.00	99.9	2.00	1.93	
Total Xylenes*	84.2	6.00	01/26/2017	ND	5.70	95.1	6.00	1.58	
Total BTEX	126	12.0	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/24/2017	ND	432	108	400	3.77	
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3110	100	01/24/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	11300	100	01/24/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	208 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	271 9	% 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 9 @ 3' (H700140-28)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	01/26/2017	ND	1.98	98.9	2.00	1.64	
Toluene*	22.9	2.00	01/26/2017	ND	1.96	97.8	2.00	2.21	
Ethylbenzene*	22.8	2.00	01/26/2017	ND	2.00	99.9	2.00	1.93	
Total Xylenes*	113	6.00	01/26/2017	ND	5.70	95.1	6.00	1.58	
Total BTEX	159	12.0	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	113 9	% 73.6-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	3400	10.0	01/24/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	11800	10.0	01/24/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	189	% 35-147	7						
Surrogate: 1-Chlorooctadecane	289	% 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 9 @ 5' (H700140-29)

BTEX 8021B	mg,	/kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<2.00	2.00	01/26/2017	ND	1.98	98.9	2.00	1.64	
Toluene*	6.92	2.00	01/26/2017	ND	1.96	97.8	2.00	2.21	
Ethylbenzene*	8.28	2.00	01/26/2017	ND	2.00	99.9	2.00	1.93	
Total Xylenes*	42.1	6.00	01/26/2017	ND	5.70	95.1	6.00	1.58	
Total BTEX	57.3	12.0	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	109	% 73.6-14	0						
Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	1740	10.0	01/24/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	7860	10.0	01/24/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	212	% 35-147	7						
Surrogate: 1-Chlorooctadecane	202	% 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/16/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SP 9 @ 8' (H700140-30)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/26/2017	ND	1.98	98.9	2.00	1.64	
Toluene*	<0.050	0.050	01/26/2017	ND	1.96	97.8	2.00	2.21	
Ethylbenzene*	<0.050	0.050	01/26/2017	ND	2.00	99.9	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/26/2017	ND	5.70	95.1	6.00	1.58	
Total BTEX	<0.300	0.300	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.6-14	0						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/24/2017	ND	432	108	400	3.77	
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	01/24/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	<10.0	10.0	01/24/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	87.8 %	% 35-147	,						
Surrogate: 1-Chlorooctadecane	91.0 %	6 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: NORTH (H700140-31)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/26/2017	ND	1.98	98.9	2.00	1.64	
Toluene*	< 0.050	0.050	01/26/2017	ND	1.96	97.8	2.00	2.21	
Ethylbenzene*	<0.050	0.050	01/26/2017	ND	2.00	99.9	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/26/2017	ND	5.70	95.1	6.00	1.58	
Total BTEX	<0.300	0.300	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	6 73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	01/24/2017	ND	432	108	400	3.77	
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	01/24/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	<10.0	10.0	01/24/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	87.9 9	6 35-147	,						
Surrogate: 1-Chlorooctadecane	90.8 9	6 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: EAST (H700140-32)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/26/2017	ND	1.98	98.9	2.00	1.64	
Toluene*	< 0.050	0.050	01/26/2017	ND	1.96	97.8	2.00	2.21	
Ethylbenzene*	< 0.050	0.050	01/26/2017	ND	2.00	99.9	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/26/2017	ND	5.70	95.1	6.00	1.58	
Total BTEX	<0.300	0.300	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	102 %	73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	176	16.0	01/24/2017	ND	432	108	400	3.77	
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	01/24/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	<10.0	10.0	01/24/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	90.3 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	94.8 9	% 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: SOUTH (H700140-33)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/26/2017	ND	1.98	98.9	2.00	1.64	
Toluene*	< 0.050	0.050	01/26/2017	ND	1.96	97.8	2.00	2.21	
Ethylbenzene*	< 0.050	0.050	01/26/2017	ND	2.00	99.9	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/26/2017	ND	5.70	95.1	6.00	1.58	
Total BTEX	<0.300	0.300	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/24/2017	ND	400	100	400	3.92	
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	01/24/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	<10.0	10.0	01/24/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	87.4 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	95.69	% 28-171							

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Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 01/20/2017 Sampling Date: 01/17/2017

Reported: 01/27/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 FED #003CTB Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: OXY

Sample ID: WEST (H700140-34)

BTEX 8021B	mg/	kg	Analyze	d By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	01/26/2017	ND	1.98	98.9	2.00	1.64	
Toluene*	<0.050	0.050	01/26/2017	ND	1.96	97.8	2.00	2.21	
Ethylbenzene*	<0.050	0.050	01/26/2017	ND	2.00	99.9	2.00	1.93	
Total Xylenes*	<0.150	0.150	01/26/2017	ND	5.70	95.1	6.00	1.58	
Total BTEX	<0.300	0.300	01/26/2017	ND					
Surrogate: 4-Bromofluorobenzene (PID	103 %	73.6-14	0						
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	144	16.0	01/24/2017	ND	400	100	400	3.92	
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	01/24/2017	ND	199	99.5	200	1.11	
DRO >C10-C28	<10.0	10.0	01/24/2017	ND	206	103	200	0.951	
Surrogate: 1-Chlorooctane	83.4 9	% 35-147	,						
Surrogate: 1-Chlorooctadecane	90.9	% 28-171							

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Notes and Definitions

S-06	The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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† Cardinal cannot accept verbal changes. Please fax written changes to 505-393/2476

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 company Name: BBC International, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

		10				
Project Manager	Project Manager: Cliff Drugger		BILL TO			ANALYSIS REQUEST
Address: P.O.	P.O. Box 805		Company:			
city: Hobbs	State: NM	Zip: 88241	Attn:	_	_	
Phone #: 575-397-6388	Fax#:	575-397-0397	Address:		_	
Project #:	Project Owner:	or: OXV	City:	_	_	
Project Name:	STERLING SIVER 33	Fed # 003018	State: Zip:			
Project Location:			Phone #:		E	
Sampler Name:	MOSER HERMAN	,-	Fax#:	_	0	
FOR LAB USE CHLY		P. MATRIX	PRESERV. SAMPLING		KI.	
Lab I.D. <i>À70</i> 0140	Sample I.D.	(G)RAB OR (C)ON # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE	OTHER: ACID/BASE: ICE / COOL OTHER: DATE	TPH	CHLO	
1-	Sp16 1.	1 1 2	_	15 1	1	
24	00001	1	101100	00	1	
4	2.	6	101.11.10	1	<	
0	Sp3@ 1.	1 1	1 0.17.119	0 1	<	
70	74	1	1000	\$d	\ \ \ \	
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5-6	Spy @ 1.	10	V 0.170 11	1 60	1	
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Page 37 of 40

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 38 of 40

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

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476	65				
Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson	9	P.O.#:			+
Address: P.O. Box 805	0	Company:			
City: Hobbs State: NM	Zip: 88241 A	Attn:			_
Phone #: 575-397-6388 Fax #: 575-	575-397-0397	Address:			
Project #: Project Owner	. OVN	City:			
Project Name: STERUM SILVER SE	Tool S	State: Zip:			
Project Location:	O	Phone #:		_	_
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FOR LAB USE ONLY	MATRIX	PRESERV. SAMPLING			
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Page 39 of 40

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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ompany Name: BBC International Inc	ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476

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Company warne: B	BBC International, Inc.		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson	liff Brunson		P.O. #:			
Address: P.O. Box 805	x 805		Company:			
city: Hobbs	State: NM	Zip: 88241	Attn:			_
Phone #: 575-397-6388	Fax#:	575-397-0397	Address:			
Project #:	Project Owner:	. OXU	City:			
Project Name:	Elling John 33	ED.	State: Zip:			
Project Location:	1		Phone #:)/		
Sampler Name:			Fax#:	-		
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Page 40 of 40



November 09, 2017

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STERLING SILVER 33 #3

Enclosed are the results of analyses for samples received by the laboratory on 11/07/17 9:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-16-8. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

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

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

Accreditation applies to public drinking water matrices.

Celey D. Keene

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



Analytical Results For:

BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: 11/07/2017 Sampling Date: 11/06/2017

Reported: 11/09/2017 Sampling Type: Soil

Project Name: STERLING SILVER 33 #3 Sampling Condition: Cool & Intact
Project Number: NOT GIVEN Sample Received By: Tamara Oldaker

Project Location: OXY

Sample ID: COMFIRMATION #1 (H703065-01)

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	11/08/2017	ND	188	93.9	200	5.29	
DRO >C10-C28	<10.0	10.0	11/08/2017	ND	200	100	200	0.964	
EXT DRO >C28-C36	<10.0	10.0	11/08/2017	ND					
Surrogate: 1-Chlorooctane	92.2 9	% 28.3-16	74						
Surrogate: 1-Chlorooctadecane	89.8	% 34.7-15	7						

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whistoever 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



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. Kreene

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ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (505) 393-2326 FAX (505) 393-2476 mpany Name: BBC International, Inc.

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

()	(505) 393-2326 FAX (505) 393-2476	6				12)
Company Name:	BBC International, Inc.		BILL TO		ANALYSIS REQ	REQUEST
Project Manager:	Cliff Brunson		P.O. #:			
Address: P.O.I	Box 805		Company:			
city: Hobbs	State: NM	Zip: 88241	Attn:			
Phone #: 575-397-6388	Fax #:	575-397-0397	Address:	0		
Project #:	Project Owner:	r (9) VV	City:	N,		
Project Name:	STER line Silvere 3	3# 3	State: Zip:	77.		
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PLEASE WOTE: Liability and Dansages. Cards analyses. All claims including those for register service: In no event shall Cardinal be liable for	uges. Cardinal's liability and client's anclusive sen e for regispence and any other cause whatsoever be liable for excitental or consequental damages.		Sam arising whether based is context or but, shall be limited to the amount put by met waved unless made in writing and received by Cardinal within 50 days after our load limitation, business interruptions, loss of use, or loss of putties incurred by client	ount paid by the client for the lays after completion of the applicable red by client, its subsublation.		
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From: Bratcher, Mike, EMNRD

To: <u>Cliff Brunson</u>

Cc: Weaver, Crystal, EMNRD; Casey Summers; Jennifer Hudgens; Ken Swinney; Jennifer Gilkey; Kathy Purvis;

Tucker, Shelly

Subject: RE: OXY - Sterling Silver 33 Federal #003 (2RP-4075) - Remediation Plan

Date: Wednesday, February 15, 2017 4:48:03 PM

The RP number for this project is **4075**. Everyone had it correct except me.

Thanks,

Mike Bratcher NMOCD District 2 811 South First Street Artesia NM 88210 575-748-1283 Ext 108 mike.bratcher@state.nm.us

From: Bratcher, Mike, EMNRD

Sent: Wednesday, February 15, 2017 9:37 AM

To: Cliff Brunson <cbrunson@bbcinternational.com>

Cc: Weaver, Crystal, EMNRD < Crystal. Weaver@state.nm.us>; Casey Summers

<Casey_Summers@oxy.com>; Jennifer Hudgens <jennifer_hudgens@oxy.com>; Ken Swinney

<kswinney@bbcinternational.com>; Jennifer Gilkey <jgilkey@bbcinternational.com>; Kathy Purvis

<kathy@bbcinternational.com>; Tucker, Shelly <stucker@blm.gov>

Subject: RE: OXY - Sterling Silver 33 Federal #003 (2RP-4075) - Remediation Plan

RE: OXY * Sterling Silver 33-3 Fed CTB * **2RP-4015** * DOR: 1/2/17

Cliff,

Your proposal for remediation of the above referenced release is approved. Please advise once remedial activities have been scheduled. Federal sites require BLM approval.

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 St. Artesia NM 88210 575-748-1283 Ext 108 mike.bratcher@state.nm.us **From:** Cliff Brunson [mailto:cbrunson@bbcinternational.com]

Sent: Tuesday, February 7, 2017 3:07 PM

To: Bratcher, Mike, EMNRD < <u>mike.bratcher@state.nm.us</u>>

Cc: Weaver, Crystal, EMNRD < <u>Crystal.Weaver@state.nm.us</u>>; Casey Summers

<<u>Casev_Summers@oxv.com</u>>; Jennifer Hudgens <<u>jennifer_hudgens@oxv.com</u>>; Ken Swinney

< kswinney@bbcinternational.com >; Jennifer Gilkey < jgilkey@bbcinternational.com >; Kathy Purvis

kathy@bbcinternational.com

Subject: OXY - Sterling Silver 33 Federal #003 (2RP-4075) - Remediation Plan

Mike,

This e-mail is to confirm our discussion concerning the remediation plan for the OXY Sterling Silver 33 Federal #003 release. 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 would please reply 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

Phone: (575) 397-6388 Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com



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From: Tucker, Shelly To: Cliff Brunson

Cc: Casey Summers; Jennifer Hudgens; Ken Swinney; Jennifer Gilkey; Kathy Purvis

Subject: Re: OXY - Sterling Silver 33 Federal #003 - Remediation Plan

Date: Tuesday, February 14, 2017 2:46:07 PM

BLM concurs with the NMOCD approval.

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

Sincerely,

Shelly J Tucker

Environmental Protection Specialist O&G Spill/Release Coordinator

Bureau of Land Management 620 E. Greene St Carlsbad. NM 88220

575.234.5905 - Direct 575.361.0084 - Cellular 575.234.6235 - Emergency Spill Number

stucker@blm.gov

The **BLM acceptance/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.

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On Tue, Feb 7, 2017 at 3:33 PM, Cliff Brunson < cbrunson@bbcinternational.com > wrote:

Shelly,

I have attached a remediation plan for the OXY Sterling Silver 33 Federal #003 release. This plan has been approved by Mike Bratcher of the NMOCD. OXY is requesting the BLM's approval of this plan as well. Upon your review of the materials, it would be

appreciated if you would respond via email with the BLM's approval.

If you have any questions, please let me know.

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

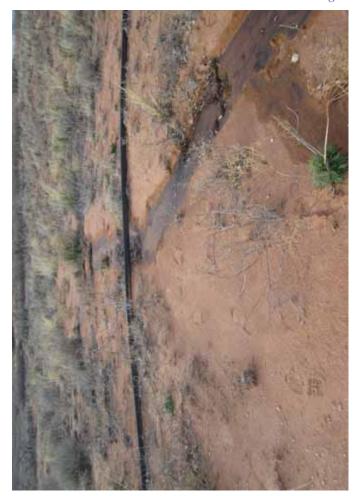
Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com



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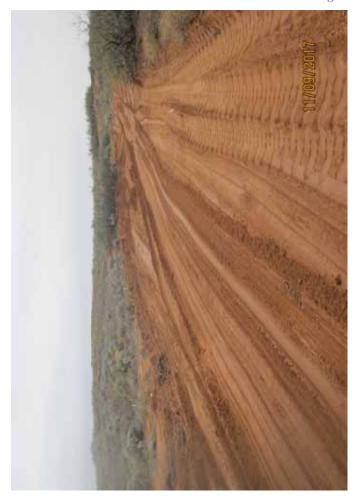






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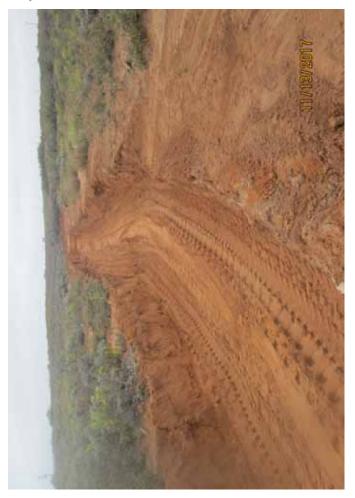








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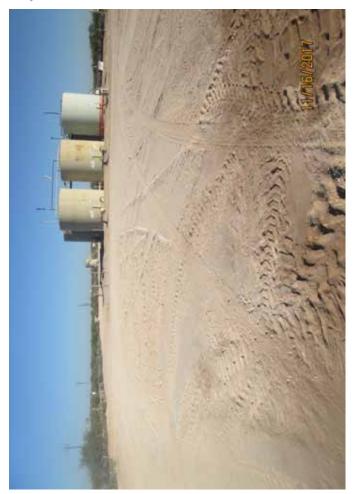








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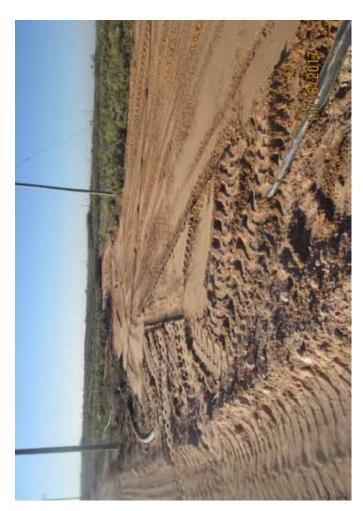


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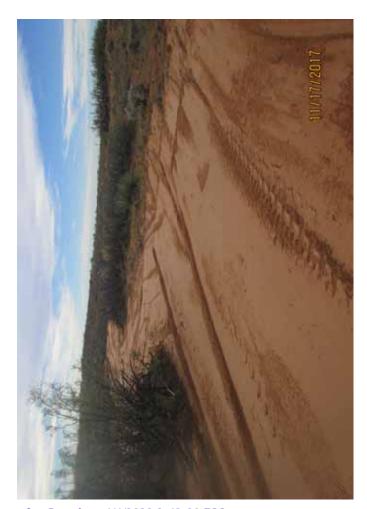




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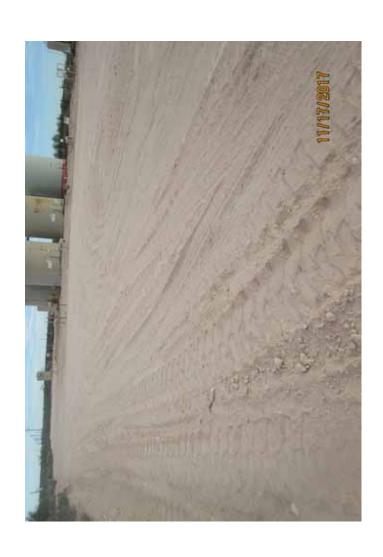








Released to Imaging: 4/4/2023 2:49:30 PM



From: <u>Dittrich, John W</u>

To: <u>yolanda@bbcinternational.com</u>

Subject: FW: Re: Sterling Silver 33 Federal #003 CTB **Date:** Thursday, February 21, 2019 4:06:22 PM

FYI

Wade Dittrich

Environmental Coordinator

Oxy Permian-New Mexico

575-390-2828 cell 575-397-8214 office

Wade_Dittrich@Oxy.com

From: Dittrich, John W

Sent: Thursday, September 27, 2018 2:41 PM

To: 'Ken Swinney' <kswinney@bbcinternational.com>

Subject: FW: [EXTERNAL] Re: Sterling Silver 33 Federal #003 CTB

Wade Dittrich

Environmental Specialist

Oxy Permian-New Mexico

575-390-2828 cell 575-397-8214 office

Wade Dittrich@Oxy.com

From: Tucker, Shelly <<u>stucker@blm.gov</u>>
Sent: Tuesday, December 26, 2017 4:41 PM
To: Dittrich, John W <<u>Wade_Dittrich@oxy.com</u>>

Cc: Bratcher, Mike, EMNRD < mike.bratcher@state.nm.us >; Weaver, Crystal, EMNRD < <u>Crystal.Weaver@state.nm.us</u> >; Smith, Jennifer A < <u>Jennifer_Smith@oxy.com</u> >

Subject: [EXTERNAL] Re: Sterling Silver 33 Federal #003 CTB

BLM accepts your closure report for the Oxy - Sterling Silver 33 Federal #003 CTB

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

Sincerely,

Shelly J Tucker
Environmental Protection S

Environmental Protection Specialist O&G Spill/Release Coordinator

Bureau of Land Management 620 E. Greene St

Carlsbad, NM 88220

575.234.5905 - Direct 575.361.0084 - Cellular 575.234.6235 - Emergency Spill Number

stucker@blm.gov

The **BLM acceptance/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.

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On Tue, Dec 5, 2017 at 2:48 PM, < Wade Dittrich@oxy.com > wrote:

All,

Attached is the **Closure Report** and **Final C141**. Please review and notify with any questions. Thank you.

Wade Dittrich

Environmental Specialist

Oxy Permian-New Mexico

575-390-2828 cell 575-397-8214 office

Wade_Dittrich@Oxy.com

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

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

CONDITIONS

Action 203848

CONDITIONS

Operator:	OGRID:
OXY USA INC	16696
P.O. Box 4294	Action Number:
Houston, TX 772104294	203848
	Action Type:
	[IM-SD] Incident File Support Doc (ENV) (IM-BNF)

CONDITIONS

Created By	d Condition	Condition Date
bhall	None	4/4/2023