

Page 1 of 71
Received by OCD: 4/4/2023 9:12:51 AM
Released to Imaging: 4/4/2023 2:49:30 PM

District I
625 N. French Dr., Hobbs, NM 88240
District II
311 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
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-141
Revised April 3, 2017
Submit 1 Copy to appropriate District Office in accordance with 19.15.29 NMAC.

Release Notification and Corrective Action

OPERATOR ☐ Initial Report ☒ Final Report

Name of Company	Contact	WADE DITTRICH
Address	PO BOX 4294; HOUSTON, TX 77210	Telephone No. 575-390-2828
Facility Name	STERLING SILVER 33 FEDERAL #3 CTB	Facility Type BATTERY
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	23S	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 oil, 0.5 bbl produced water	Volume Recovered	14 bbls oil, 30 bbls produced water/rain water mix
Source of Release	Storm caused a tank spill	Date and Hour of Occurrence	01/02/2017	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	MIKE BRATCHER-NMCD; CRYSTAL WEAVER-NMOCD; SHELLY TUCKER-BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	01/03/2017 @ 10:14 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*


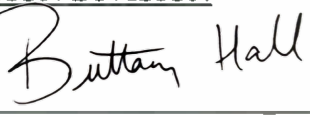
Describe Cause of Problem and Remedial Action Taken.*

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 by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 	OIL CONSERVATION DIVISION		
Printed Name: WADE DITTRICH	Approved by Environmental Specialist: 		
Title: ENVIROMENTAL SPECIALIST	Approval Date: 4/4/2023	Expiration Date: N/A	
E-mail Address: wade_dittrich@oxy.com	Conditions of Approval:	Attached <input type="checkbox"/>	
Date: 12-5-17 Phone: 575-390-2828	none		

Attach Additional Sheets If Necessary

Closure Report

Site Description

Site Name:	Sterling Silver 33 Fed #003 CTB
Company:	Oxy Permian Ltd.
Legal Description:	NW ¼, 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

Remediation Specifications

Remediation Parameters:	Excavate SP1 & SP2 to 6 inches. Excavate SP3 to 2 feet. Excavate SP4 & SP5 to 3 feet. The dividing line between SP5 & SP6 will have a TPH confirmation sample taken. SP6 will be excavated to 1 foot. The rest of the leak area including SP7-SP9 will be excavated to 5 feet. The entire site will then be backfilled with clean soil.	
Remediation Activities:	11/06/2017 to 11/17/2017	
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

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

Form C-141
Revised August 8, 2011

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

Release Notification and Corrective Action

OPERATOR

☒ Initial Report ☐ Final Report

Name of Company	Oxy Permian Ltd.	Contact	Casey Summers
Address	PO Box 4294; Houston, TX 77210	Telephone No.	(575) 513-8289
Facility Name	Sterling Silver 33 Federal #003 CTB	Facility Type	Battery
Surface Owner	BLM	Mineral Owner	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
NW ¼	33	23S	31E					Eddy County, NM

Latitude N 32.26326° Longitude W 103.781833°

NATURE OF RELEASE

Type of Release	Oil and produced water	Volume of Release	14.5 bbls oil, 0.5 bbl produced water	Volume Recovered	14 bbls oil, 30 bbls produced water/rain water mix
Source of Release	Storm caused a tank spill	Date and Hour of Occurrence	01/02/2017	Date and Hour of Discovery	
Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher, Crystal Weaver- NMOCD; Shelly Tucker- BLM		
By Whom?	Kathy Purvis @ BBC International Inc.	Date and Hour	01/03/2017 @ 10:14 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

If a Watercourse was Impacted, Describe Fully.*


Describe Cause of Problem and Remedial Action Taken.*

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.

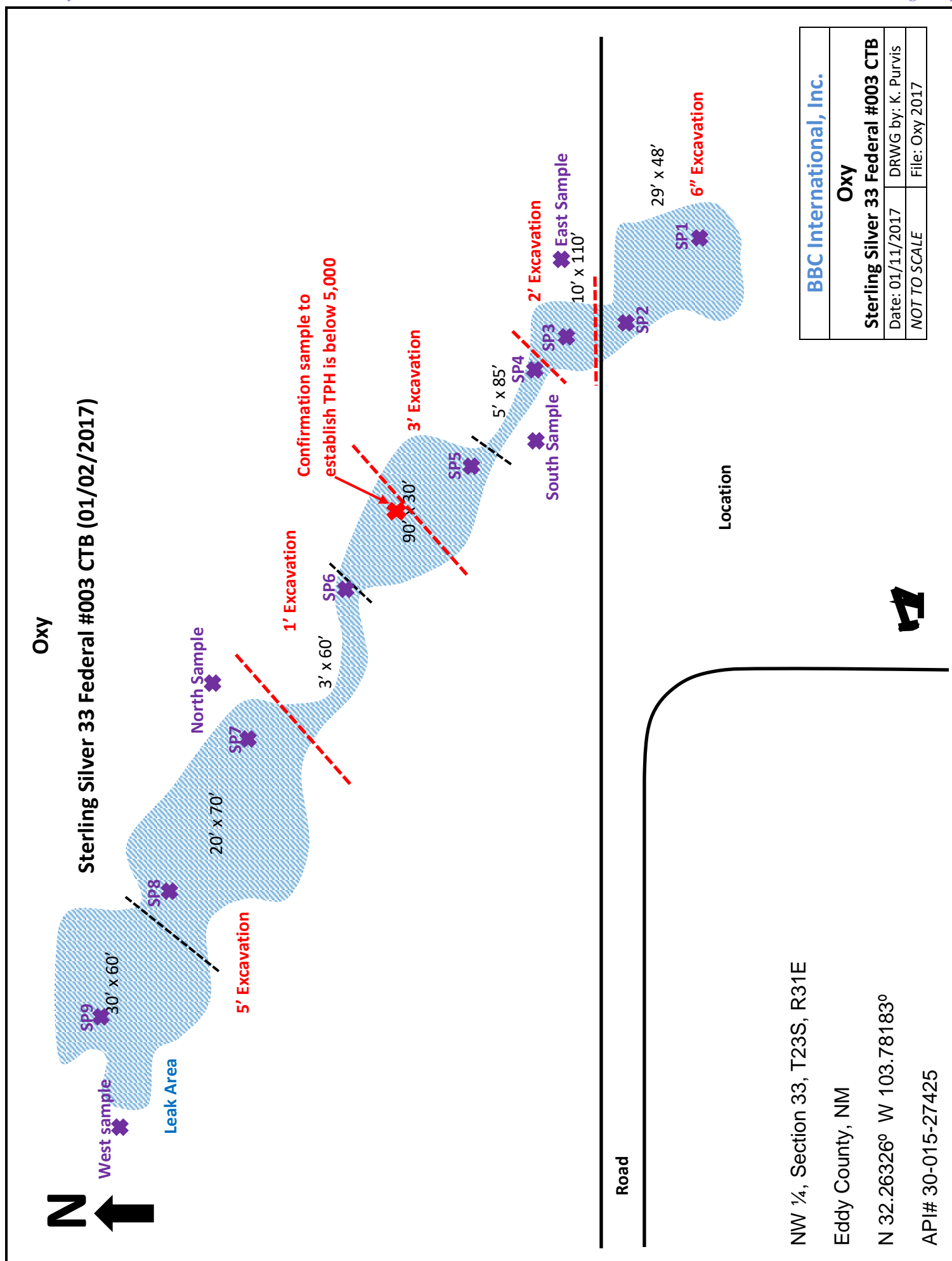
Describe Area Affected and Cleanup Action Taken.*

The affected area is approximately 450' x 30' both on location and heading northwest off location into the pasture. Remediation will be completed in accordance with an approved remediation plan from NMOCD and the BLM.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to NMOCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the NMOCD marked as "Final Report" does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to ground water, surface water, human health or the environment. In addition, NMOCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Signature: 		OIL CONSERVATION DIVISION	
Printed Name: Casey Summers		Approved by Environmental Specialist:	
Title: NM Environmental Advisor		Approval Date:	Expiration Date:
E-mail Address: Casey_Summers@oxy.com		Conditions of Approval:	Attached <input type="checkbox"/>
Date: 1-11-17	Phone: (575) 513-8289		

* Attach Additional Sheets If Necessary





Section Quarters

Oxy Sterling Silver 33 Fed #003 CTB

County	Unit Letter	Section	Township	Range
Eddy	NW ¼	33	23S	31E

Trend Map 275'

1

2

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

3

4

📍 Location

● OCD

● USGS

● SEO

● All Databases

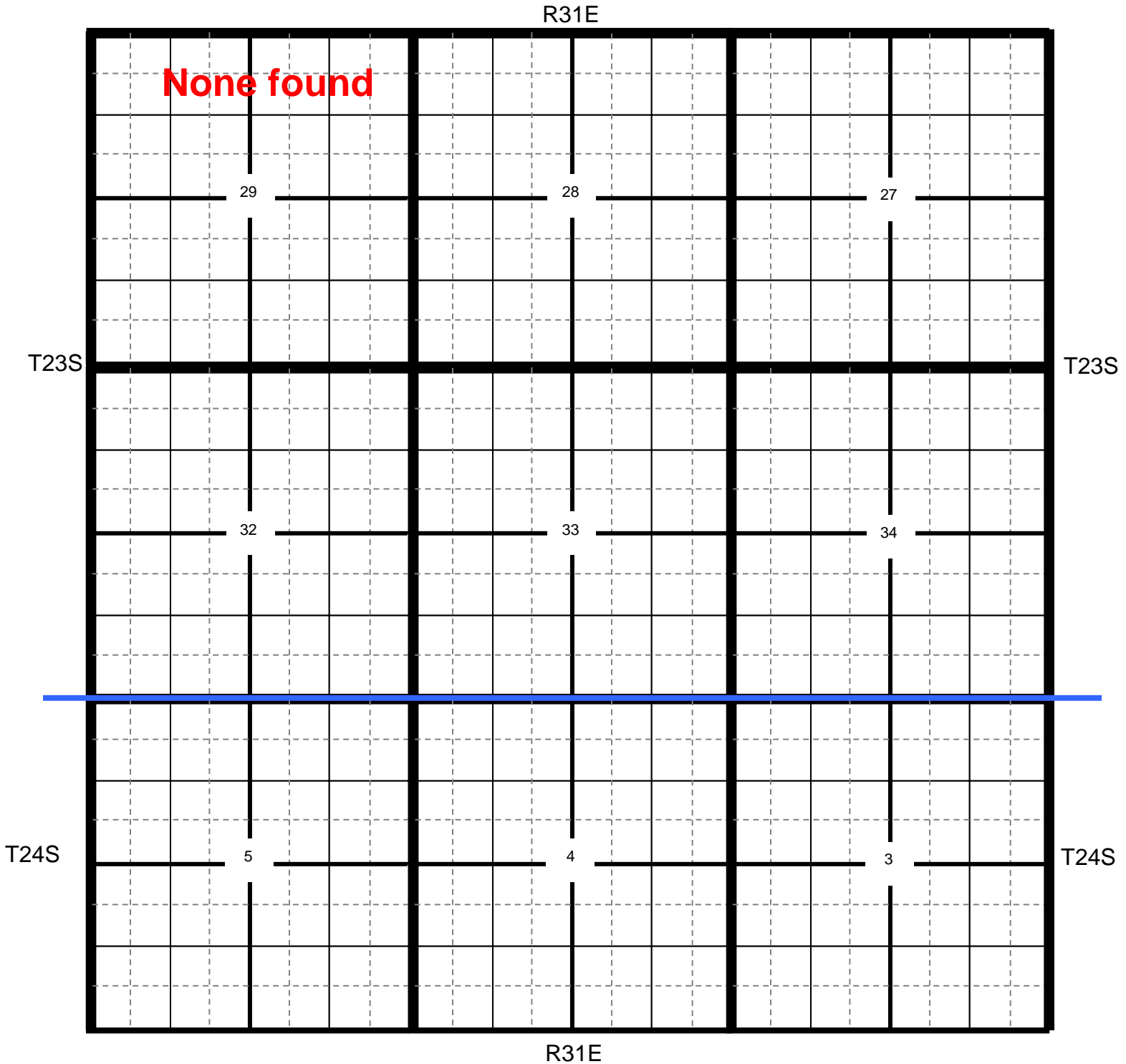


Groundwater Plot

Oxy Sterling Silver 33 Federal #003H

County
EddyUnit Letter
NW ¼Section
33Township
23SRange
31E

Trend Map 275'



* Location

● OCD

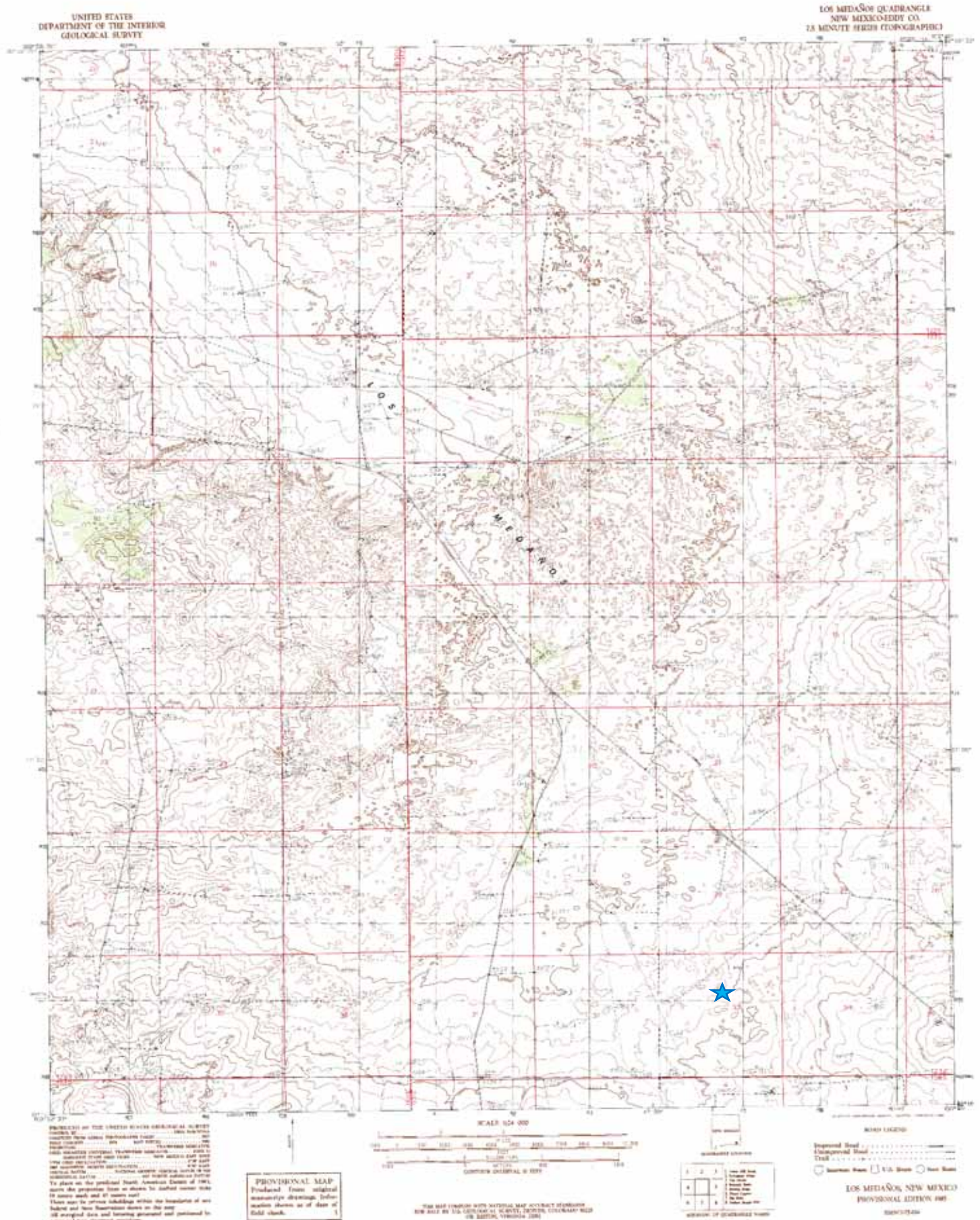
● USGS

● SEO

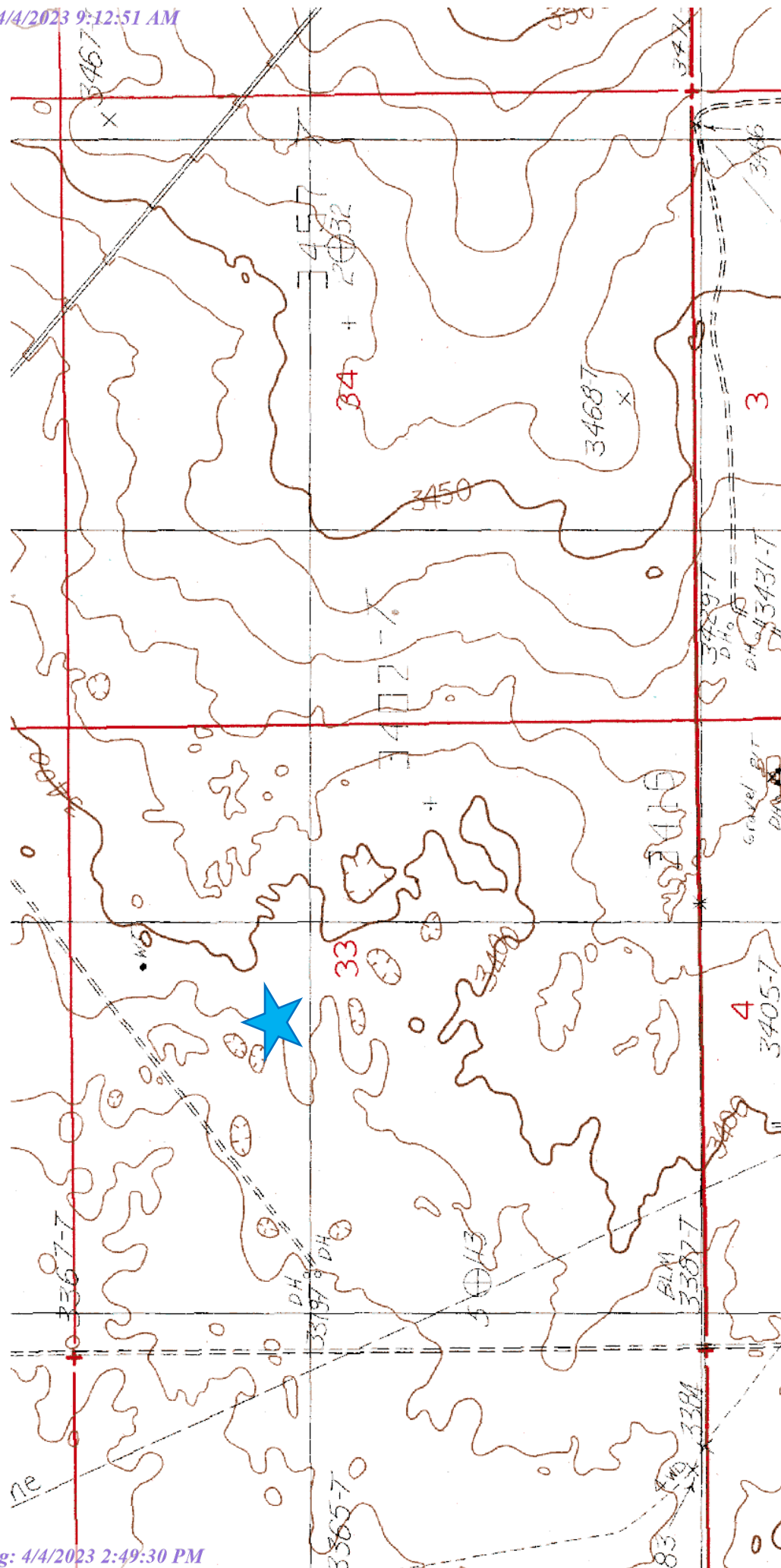
● All Databases

Oxy

Sterling Silver 33 Federal #003 CTB



Oxy
Sterling Silver 33 Federal #003 CTB



Laboratory Analytical Results Summary
Sterling Silver 33 Federal #003 CTB

Analyte	Method	Sample Date	SP1 @ 1'	SP1 @ 2'
Benzene	BTEX 8021B		mg/Kg <0.050	mg/Kg <0.050
Toluene	BTEX 8021B		0.055	<0.050
Ethylbenzene	BTEX 8021B		0.112	<0.050
Total Xylenes	BTEX 8021B		0.77	<0.150
Total BTEX	BTEX 8021B		0.937	<0.300
Chloride	SM4500Cl-B		272	256
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		131	<10.0

Analyte	Method	Sample Date	SP2 @ 1'	SP2 @ 2'
Benzene	BTEX 8021B		mg/Kg <0.050	mg/Kg <0.050
Toluene	BTEX 8021B		0.063	<0.050
Ethylbenzene	BTEX 8021B		0.083	<0.050
Total Xylenes	BTEX 8021B		0.537	<0.150
Total BTEX	BTEX 8021B		0.682	<0.300
Chloride	SM4500Cl-B		272	256
GRO	TPH 8015M		<10.0	<10.0
DRO	TPH 8015M		143	<10.0

Analyte	Method	Sample Date	SP3 @ 1'	SP3 @ 3'	SP3 @ 5'	SP3 @ 7'
Benzene	BTEX 8021B		mg/Kg <2.00	mg/Kg <0.050	mg/Kg <0.050	mg/Kg <0.050
Toluene	BTEX 8021B		24.3	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		18.5	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		90.7	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		133	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		32	96	128	192
GRO	TPH 8015M		2700	<10.0	<10.0	<10.0
DRO	TPH 8015M		9580	14.4	<10.0	18.5

Analyte	Method	Sample Date	SP4 @ 1'	SP4 @ 3'	SP4 @ 5'	SP4 @ 7'
Benzene	BTEX 8021B		mg/Kg <2.00	mg/Kg <0.500	mg/Kg <0.050	mg/Kg <0.050
Toluene	BTEX 8021B		0.843	4.76	<0.050	<0.050
Ethylbenzene	BTEX 8021B		2	5.41	<0.050	<0.050
Total Xylenes	BTEX 8021B		9.19	26.5	<0.150	<0.150
Total BTEX	BTEX 8021B		12	36.7	<0.300	<0.300
Chloride	SM4500Cl-B		32	32	80	<16.0
GRO	TPH 8015M		478	921	<10.0	<10.0
DRO	TPH 8015M		4200	4490	10.9	<10.0

Analyte	Method	Sample Date	SP5 @ 1'	SP5 @ 3'	SP5 @ 7'
Benzene	BTEX 8021B		mg/Kg <0.100	mg/Kg <0.500	mg/Kg <0.050
Toluene	BTEX 8021B		0.375	4.35	<0.050
Ethylbenzene	BTEX 8021B		0.919	5.2	<0.050
Total Xylenes	BTEX 8021B		3.8	26	<0.150
Total BTEX	BTEX 8021B		5.09	35.5	<0.300
Chloride	SM4500Cl-B		32	16	176
GRO	TPH 8015M		182	895	<10.0
DRO	TPH 8015M		2050	4990	15.5

Analyte	Method	Sample Date	SP6 @ 1'	SP6 @ 3'	SP6 @ 7'
Benzene	BTEX 8021B		mg/Kg <0.050	mg/Kg <0.050	mg/Kg <0.050
Toluene	BTEX 8021B		0.073	<0.050	<0.050
Ethylbenzene	BTEX 8021B		0.217	<0.050	<0.050
Total Xylenes	BTEX 8021B		1.31	<0.150	<0.150
Total BTEX	BTEX 8021B		1.6	<0.300	<0.300
Chloride	SM4500Cl-B		32	96	160
GRO	TPH 8015M		47.7	<10.0	<10.0
DRO	TPH 8015M		573	<10.0	13.4

Analyte	Method	Sample Date	SP7 @ 1'	SP7 @ 3'	SP7 @ 5'	SP7 @ 7'
Benzene	BTEX 8021B		mg/Kg <1.00	mg/Kg <2.00	mg/Kg <2.00	mg/Kg <0.050
Toluene	BTEX 8021B		5.57	24.2	16.1	<0.050
Ethylbenzene	BTEX 8021B		8.35	22.8	14.6	<0.050
Total Xylenes	BTEX 8021B		35.7	112	65.4	<0.150
Total BTEX	BTEX 8021B		49.6	159	96.1	<0.300
Chloride	SM4500Cl-B		32	32	32	32
GRO	TPH 8015M		1900	3090	1430	<10.0
DRO	TPH 8015M		9640	10400	5740	<10.0

Analyte	Method	Sample Date	SP8 @ 1'	SP8 @ 3'	SP8 @ 5'	SP8 @ 7'
Benzene	BTEX 8021B		mg/Kg <1.00	mg/Kg <2.00	mg/Kg <0.500	mg/Kg <0.050
Toluene	BTEX 8021B		5.72	14.7	2.6	<0.050
Ethylbenzene	BTEX 8021B		8.21	13.9	4.35	<0.050
Total Xylenes	BTEX 8021B		33.8	66.1	17.7	<0.150
Total BTEX	BTEX 8021B		47.7	94.8	24.6	<0.300
Chloride	SM4500Cl-B		32	32	48	16
GRO	TPH 8015M		1870	3190	946	<10.0
DRO	TPH 8015M		9410	12000	6840	<10.0

Laboratory Analytical Results Summary
Sterling Silver 33 Federal #003 CTB

Analyte	Method	Sample Date	WEST SAMPLE 1/17/17
Benzene	BTEX 8021B		mg/Kg
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		144
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	Sample Date	SP9 @ 1'	SP9 @ 3'	SP9 @ 5'	SP9 @ 8'
Benzene	BTEX 8021B		mg/Kg	mg/Kg	mg/Kg	mg/Kg
Toluene	BTEX 8021B		<2.00	<2.00	<2.00	<0.050
Ethylbenzene	BTEX 8021B		24	22.9	6.92	<0.050
Total Xylenes	BTEX 8021B		84.2	113	42.1	<0.150
Total BTEX	BTEX 8021B		126	159	57.3	<0.300
Chloride	SM4500Cl-B		<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		3110	3400	1740	<10.0
DRO	TPH 8015M		11300	11800	7860	<10.0

Analyte	Method	Sample Date	NORTH SAMPLE 1/17/17
Benzene	BTEX 8021B		mg/Kg
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		160
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	Sample Date	EAST SAMPLE 1/17/17
Benzene	BTEX 8021B		mg/Kg
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		176
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Analyte	Method	Sample Date	SOUTH SAMPLE 1/17/17
Benzene	BTEX 8021B		mg/Kg
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		144
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

Laboratory Analytical Results Summary
Sterling Silver 33 #3

Analyte	Method	Sample ID	
		Date	C1
GRO	TPH 8015M		11/6/17
DRO	TPH 8015M		mg/kg
EXT DRO	TPH 8015M		<10.0
			<10.0



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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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)

BTX 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	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 BTX	0.937	0.300	01/25/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 28-171

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 whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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)

BTX 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	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 BTX	<0.300	0.300	01/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 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 2 @ 1' (H700140-03)

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	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 % 73.6-140

Chloride, SM4500Cl-B		mg/kg		Analyzed 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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 94.0 % 28-171

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Analytical Results For:

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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)

BTX 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	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 BTX	<0.300	0.300	01/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 93.1 % 28-171

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Analytical Results For:

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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 % 73.6-140

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		Analyzed 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

Surrogate: 1-Chlorooctadecane 239 % 28-171

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Analytical Results For:

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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)

BTX 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 BTX	<0.300	0.300	01/25/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 108 % 28-171

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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)

BTX 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 BTX	<0.300	0.300	01/25/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 28-171

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Analytical Results For:

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 Cliff Brunson
 P.O. Box 805
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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)

BTX 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 BTX	<0.300	0.300	01/25/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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Analytical Results For:

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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/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 % 73.6-140

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		Analyzed 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 % 28-171

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Analytical Results For:

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 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 % 73.6-140

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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 169 % 28-171

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Analytical Results For:

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 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 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 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)

BTX 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 BTX	<0.300	0.300	01/25/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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 % 35-147

Surrogate: 1-Chlorooctadecane 104 % 28-171

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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)

BTX 8021B		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 BTX	5.09	0.600	01/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 131 % 73.6-140

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						
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 % 35-147

Surrogate: 1-Chlorooctadecane 128 % 28-171

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Analytical Results For:

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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)

BTX 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*	4.35	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 BTX	35.5	3.00	01/25/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
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 % 35-147

Surrogate: 1-Chlorooctadecane 165 % 28-171

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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)

BTX 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 BTX	<0.300	0.300	01/25/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 106 % 28-171

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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		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*	0.073	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 % 73.6-140

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					
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 % 35-147

Surrogate: 1-Chlorooctadecane 107 % 28-171

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Analytical Results For:

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 Cliff Brunson
 P.O. Box 805
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 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)

BTX 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 BTX	<0.300	0.300	01/25/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 101 % 28-171

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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
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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)

BTX 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 BTX	<0.300	0.300	01/25/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

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		Analyzed 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 % 28-171

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Analytical Results For:

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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		Analyzed 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 % 73.6-140

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 % 35-147

Surrogate: 1-Chlorooctadecane 267 % 28-171

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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		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*	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 % 73.6-140

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	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 % 35-147

Surrogate: 1-Chlorooctadecane 255 % 28-171

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

Analytical Results For:

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

Received:	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)

BTX 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	01/26/2017	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 BTX	96.1	12.0	01/26/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 73.6-140

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					
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 % 35-147

Surrogate: 1-Chlorooctadecane 131 % 28-171

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Analytical Results For:

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 Cliff Brunson
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 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)

BTX 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	01/26/2017	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 BTX	<0.300	0.300	01/26/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 87.8 % 28-171

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Analytical Results For:

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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		Analyzed 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 % 73.6-140

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-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 % 35-147

Surrogate: 1-Chlorooctadecane 241 % 28-171

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Analytical Results For:

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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		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*	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 % 73.6-140

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	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

Surrogate: 1-Chlorooctadecane 307 % 28-171

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Analytical Results For:

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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		Analyzed 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 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 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 8 @ 8' (H700140-26)

BTX 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	01/26/2017	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 BTX	<0.300	0.300	01/26/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 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 9 @ 1' (H700140-27)

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	01/26/2017	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 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 271 % 28-171

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Analytical Results For:

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 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		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	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 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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

Surrogate: 1-Chlorooctadecane 289 % 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 9 @ 5' (H700140-29)

BTX 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	01/26/2017	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 BTX	57.3	12.0	01/26/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed By: MS						
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

Surrogate: 1-Chlorooctadecane 202 % 28-171

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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		Analyzed 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 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 28-171

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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)

BTX 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	01/26/2017	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 BTX	<0.300	0.300	01/26/2017	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 73.6-140

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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 90.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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)

BTX 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	01/26/2017	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 BTX	<0.300	0.300	01/26/2017	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 94.8 % 28-171

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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		Analyzed 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 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 95.6 % 28-171

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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		Analyzed 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 % 73.6-140

Chloride, SM4500CI-B		mg/kg		Analyzed 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		Analyzed 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 % 35-147

Surrogate: 1-Chlorooctadecane 90.9 % 28-171

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Celey D. Keene, Lab Director/Quality Manager



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

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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1 of 4

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs State: NM Zip: 88241

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

Project #: Project Owner: OM

Project Name: STERLING SILVER 33 Fed # 003CTB

Project Location:

Sampler Name: ANDER HERNANDEZ

FOR LAB USE ONLY

P.O. #:

Company:

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

PRESERV

SAMPLING

Lab I.D. Sample I.D.

ATD0140

SP101-

SP201-

SP301-

SP401-

SP501-

SP601-

SP701-

SP801-

SP901-

SP1001-

SP1101-

SP1201-

DATE

TIME

TPH

BTEX

CHLORIDE

DATE

TIME

TPH

BTEX

CHLORIDE

DATE

TIME

TPH

BTEX

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Relinquished By:

Date: 1-10-17

Time: 9:00

Received By:

Jennifer Ciley

Phone Result:

Yes No

Add'l Phone #:

Fax Result:

Yes No

Add'l Fax #:

REMARKS:

Relinquished By:

Date: 1-10-17

Time: 9:00

Received By:

Jennifer Ciley

Phone Result:

Yes No

Add'l Phone #:

Fax Result:

Yes No

Add'l Fax #:

REMARKS:

Delivered By: (Circle One)

UPS

Bus

Other

#75

5.00

Sample Condition

Cool Intact

Yes No

CHECKED BY:

Initials

Signature

Signature

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 38 of 40



ARDINAL LABORATORIES

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 4

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: Sterling Silver 33 Fed

Project Location:

Sample Name: ROPER HERRING

FOR LAB USE ONLY

Lab I.D. Sample I.D.

H1700140

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	CHLORIDE
21	SP7 @ 5'	G	1										01-16-17	235	✓	✓	✓
22	SP8 @ 8'	G	1										01-16-17	255	✓	✓	✓
23	SP8 @ 1'	G	1										01-16-17	305	✓	✓	✓
24	SP8 @ 3'	G	1										01-16-17	310	✓	✓	✓
25	SP8 @ 5'	G	1										01-16-17	315	✓	✓	✓
26	SP9 @ 1'	G	1										01-16-17	328	✓	✓	✓
27	SP9 @ 3'	G	1										01-16-17	344	✓	✓	✓
28	SP9 @ 5'	G	1										01-16-17	359	✓	✓	✓
29	SP9 @ 8'	G	1										01-16-17	405	✓	✓	✓
30	SP9 @ 10'	G	1										01-16-17	410	✓	✓	✓

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Relinquished By: Donna Hernandez Date: 1-20-17 Time: 9:00 Received By: Jennifer Beckey

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS:

Relinquished By: Jennifer Beckey Date: 1-20-17 Time: 11:30 Received By: Spedi Hunsen

Delivered By: (Circle One) UPS #75 5.00 Sample Condition: ☒ Cool ☐ Intact ☐ Yes ☐ No

Checked By: Spedi Hunsen (Initials) SH

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

State: NM Zip: 88241

Phone #: 575-397-6388

Fax #: 575-397-0397

Project #:

Project Owner: OKY

Project Name:

Stelling Water 33 FED

Project Location:

Sampler Name:

P.O. #:

Company:

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

BILL TO

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	TPH	BTEX	CHLORIDE
H700140	ACMTH	G-1	1										9-17-17	130	✓	✓	✓
	EAST	G-1	1										9-17-17	140	✓	✓	✓
	SOUTH	G-1	1										9-17-17	150	✓	✓	✓
	WEST	G-1	1										9-17-17	200	✓	✓	✓

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Relinquished By:

1-20-17

Received By:

Gerardo Goley

Phone Result:

Yes No

Add'l Phone #:

Fax Result:

Yes No

Add'l Fax #:

REMARKS:

Relinquished By:

1-20-17

Received By:

Gerardo Goley

Delivered By: (Circle One)

1-20-17

Received By:

Gerardo Goley

Delivered By: (Circle One)

1-20-17

Received By:

Gerardo Goley

Sampler - UPS - Bus - Other:

#75 50c

Sample Condition

Cool Intact Yes No

CHECKED BY:

(Signature)

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

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/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	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: CONFIRMATION #1 (H703065-01)

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	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					
<hr/>									
Surrogate: 1-Chlorooctane	92.2 %	28.3-164							
Surrogate: 1-Chlorooctadecane	89.8 %	34.7-157							

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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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A handwritten signature in cursive script, appearing to read "Cley D. Keene", written in black ink.

Celey D. Keene, Lab Director/Quality Manager



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

From: Bratcher, Mike, EMNRD
To: [Cliff Brunson](#)
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 <mike.bratcher@state.nm.us>
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>
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
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

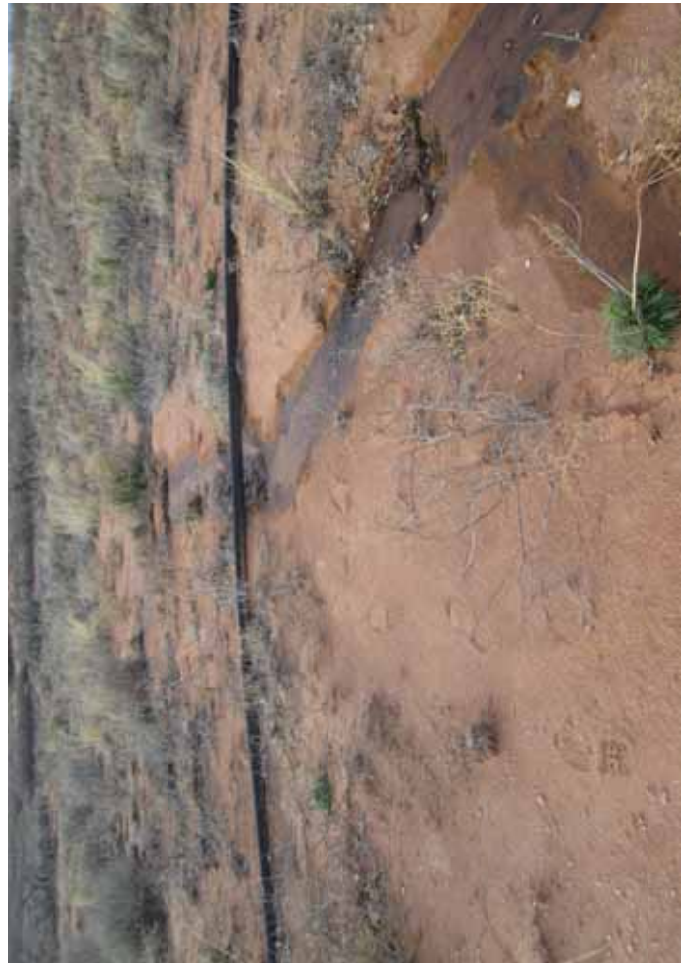
Phone: (575) 397-6388

Fax: (575) 397-0397

E-Mail: cbrunson@bbcinternational.com



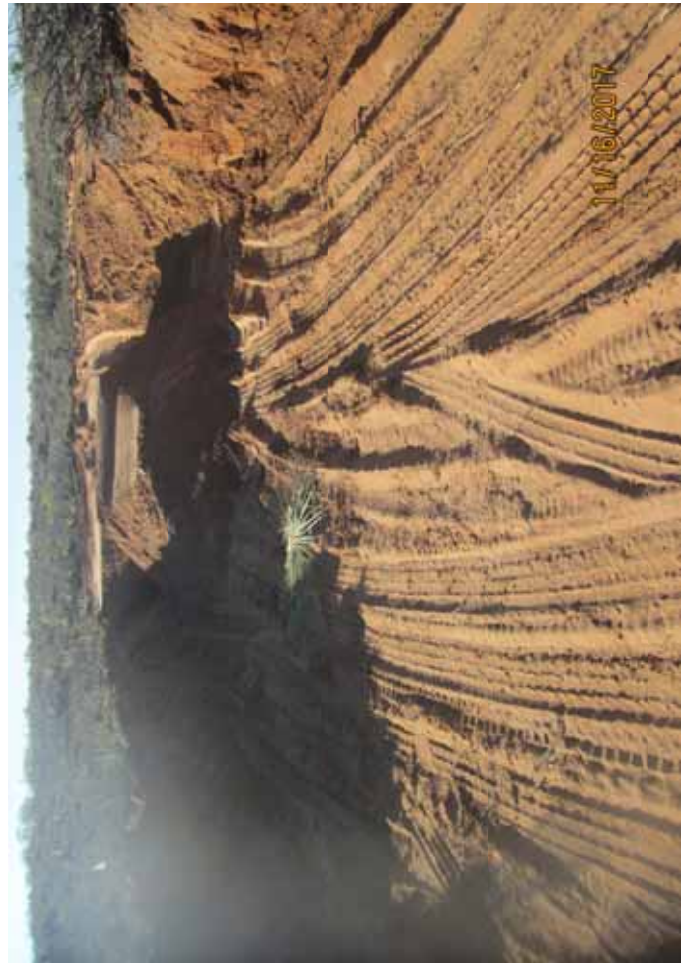
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From: [Dittrich, John W](#)
To: yolanda@bbcinternational.com
Subject: FW: Re: Sterling Silver 33 Federal #003 CTB
Date: Thursday, February 21, 2019 4:06:22 PM

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 <stucker@blm.gov>
Sent: Tuesday, December 26, 2017 4:41 PM
To: Dittrich, John W <Wade_Dittrich@oxy.com>
Cc: Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>; Weaver, Crystal, EMNRD <Crystal.Weaver@state.nm.us>; Smith, Jennifer A <Jennifer_Smith@oxy.com>
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 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

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

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