

# Closure Report

## Site Description

Site Name:	Sterling Silver 33 Federal #1H
Company:	Oxy Permian Ltd.
Legal Description:	U/L P, Section 33, T23S, R31E
County:	Eddy County, NM
GPS Coordinates:	N 32.25523° W 103.77654°

## Release Data

Date of Release:	09/18/2014
Type of Release:	Oil
Source of Release:	Failure of head switch on a tank at the well
Volume of Release:	120 bbls
Volume Recovered:	100 bbls

## Remediation Specifications

Remediation Parameters:	Surface scrape the areas around SP1, SP2, SP3, SP4, SP5, SP7, SP10, SP11, SP13, and SP14. Excavate to a depth of 2' in the areas around SP6 & SP8. Excavate to a depth of 1' in the area of SP9. Backfill the excavated areas with clean soil.	
Remediation Activities:	04/09/2015 to 04/15/2015	
Plan Sent to OCD:	01/12/2015	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	01/27/2015	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	02/23/2015	Email from Cliff Brunson to Sol Hughes
BLM Approval of Plan:	02/24/2015	Email from Sol Hughes to Cliff Brunson

## Supporting Documentation

Initial C-141	Signed 10/10/2014
Final C-141	Signed 04/21/2015
Site Diagram	October 2014
Groundwater Plot	350'
TOPO Maps	October 2014
Lab Summary	10/29/2014-10/31/2014
Lab Analysis	10/29/2014-10/31/2014
Correspondence	Request and approval of remediation plan via email

## Request for Closure

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

Cliff Brunson, President of BBC International Inc.

04/28/2015

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	Chancey Summers
Address	1017 W. Stanolind Rd, Hobbs, NM 88240	Telephone No.	(575) 397-8216
Facility Name	Sterling Silver 33 Federal #1H	Facility Type	Well
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-39831

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	33	23S	31E	360	South	590	East	Eddy County, NM

Latitude N 32.25453° Longitude W 103.77560°

#### NATURE OF RELEASE

Type of Release	Oil	Volume of Release	120 bbls	Volume Recovered	100 bbls
Source of Release	Failure of head switch on a tank at the well	Date and Hour of Occurrence	09/18/2014	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 and Heather Patterson- NMOCD, Sol Hughes- BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	09/19/2014 @ 9:25 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.\*

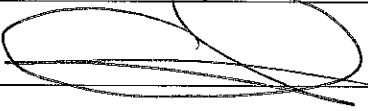
Describe Cause of Problem and Remedial Action Taken.\*

The head switch on a tank at the well failed causing the tank to spill 120 bbls of oil onto the ground. The switch was reset and a vacuum truck recovered 100 bbls of oil.

Describe Area Affected and Cleanup Action Taken.\*

The affected area is approximately 30' x 25' on location. Remediation will be completed in accordance with a remediation plan approved by 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: 	<b>OIL CONSERVATION DIVISION</b>		
Printed Name: Chancey Summers	Approved by Environmental Specialist:		
Title: HES Advisor	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 10-10-14 Phone: (575) 397-8216			

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
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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	Christopher Jones
Address	1502 W. Commerce Dr., Carlsbad, NM	Telephone No.	(575) 628-4121
Facility Name	Sterling Silver 33 Federal #1H	Facility Type	Well
Surface Owner	BLM	Mineral Owner	
		API No.	30-015-39831

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
P	33	23S	31E	360	South	590	East	Eddy County, NM

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Was Immediate Notice Given?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Required	If YES, To Whom?	Mike Bratcher and Heather Patterson- NMOCD, Sol Hughes- BLM		
By Whom?	Kathy Purvis, BBC International	Date and Hour	09/19/2014 @ 9:25 am		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

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The affected area is approximately 30' x 25' on location. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD via email on 01/27/2015 and approved by Sol Hughes of the BLM via email on 02/24/2015.

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.

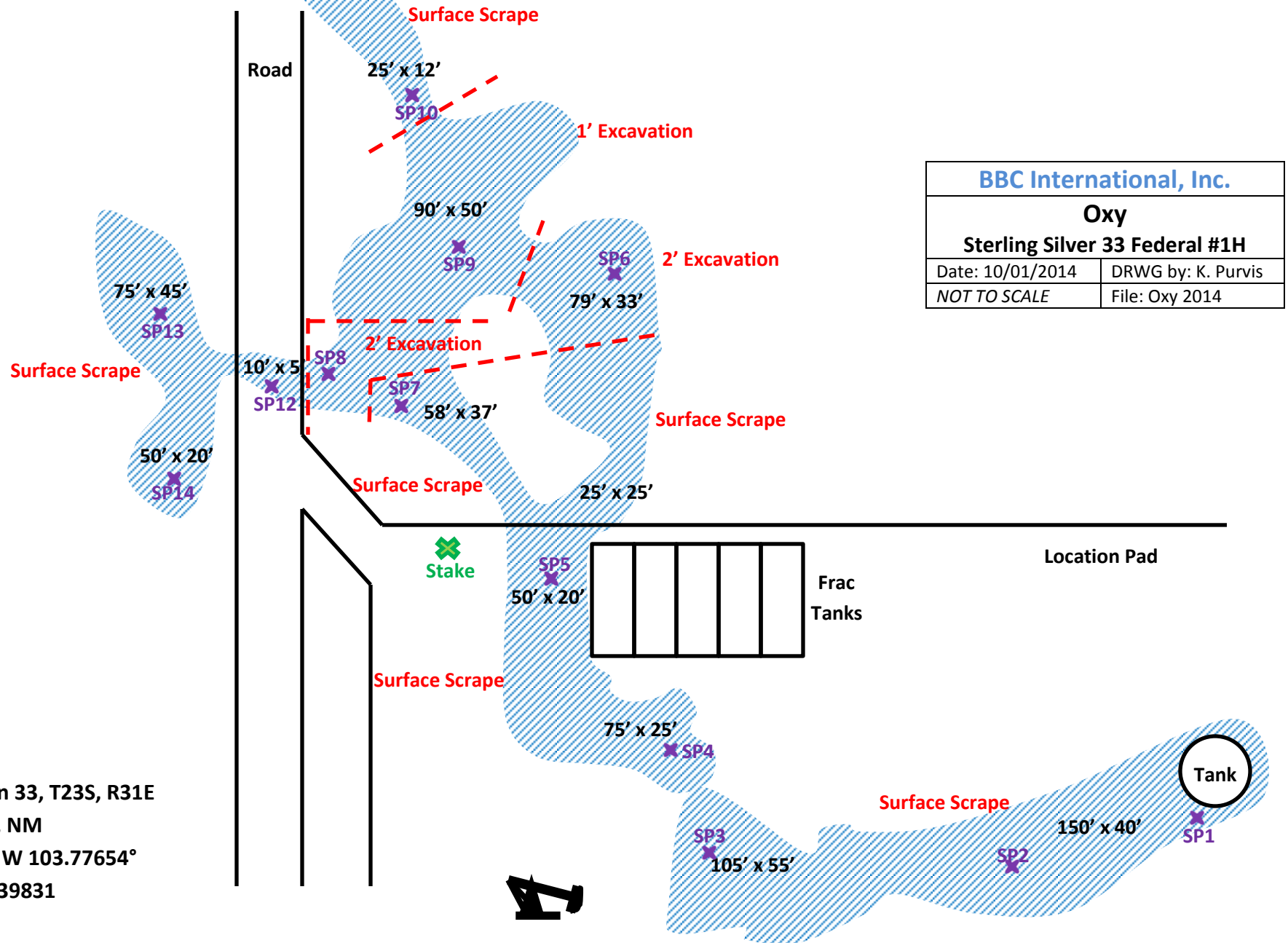
Signature: <b>Chris Jones</b> <small>Digitally signed by Chris Jones DN: cn=Chris Jones, o, ou, email=ckjones888@yahoo.com, c=US Date: 2015.09.21 12:53:14 -05'00'</small>	<b>OIL CONSERVATION DIVISION</b>	
	Approved by Environmental Specialist:	
Printed Name: Christopher Jones	Approval Date:	Expiration Date:
Title: HES Specialist	Conditions of Approval:	
E-mail Address: <u>Christopher_Jones@oxy.com</u>	Attached <input type="checkbox"/>	
Date:	Phone: (575) 628-4121	

\* Attach Additional Sheets If Necessary



Oxy

Sterling Silver 33 Federal #1H



BBC International, Inc.

Oxy

Sterling Silver 33 Federal #1H

Date: 10/01/2014

DRWG by: K. Purvis

NOT TO SCALE

File: Oxy 2014

U/L P, Section 33, T23S, R31E  
Eddy County, NM  
N 32.25523° W 103.77654°  
API# 30-015-39831



# Groundwater Plot

## Oxy Sterling Silver 33 Federal #1H

County  
Eddy

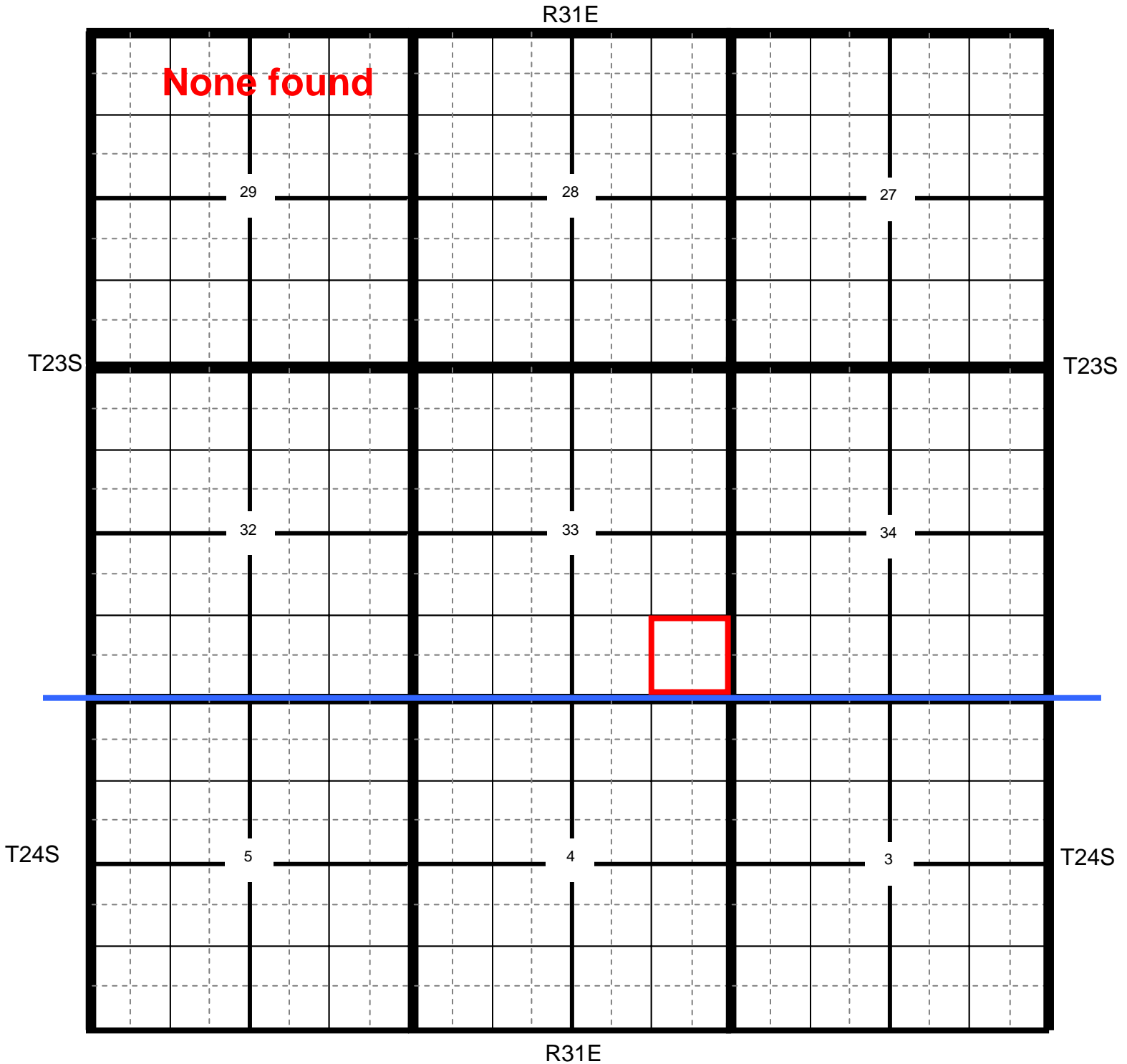
Unit Letter  
P

Section  
33

Township  
23S

Range  
31E

Trend Map 350'



Location

OCD

USGS

SEO

All Databases

## Oxy Sterling Silver 33 Federal #1H

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

Trend Map 350'

1

2

NW/NW <b>None found</b>	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

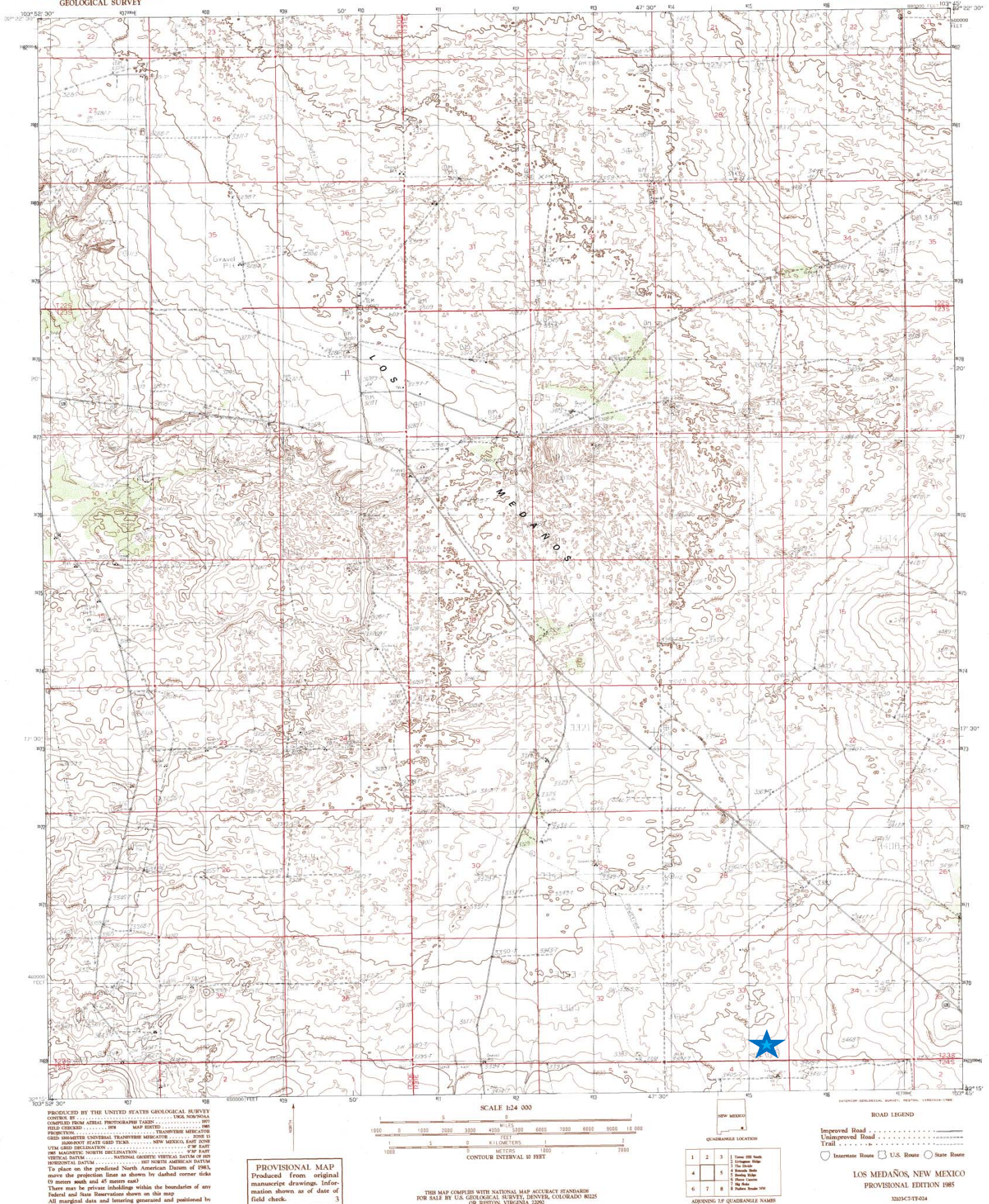
3

4



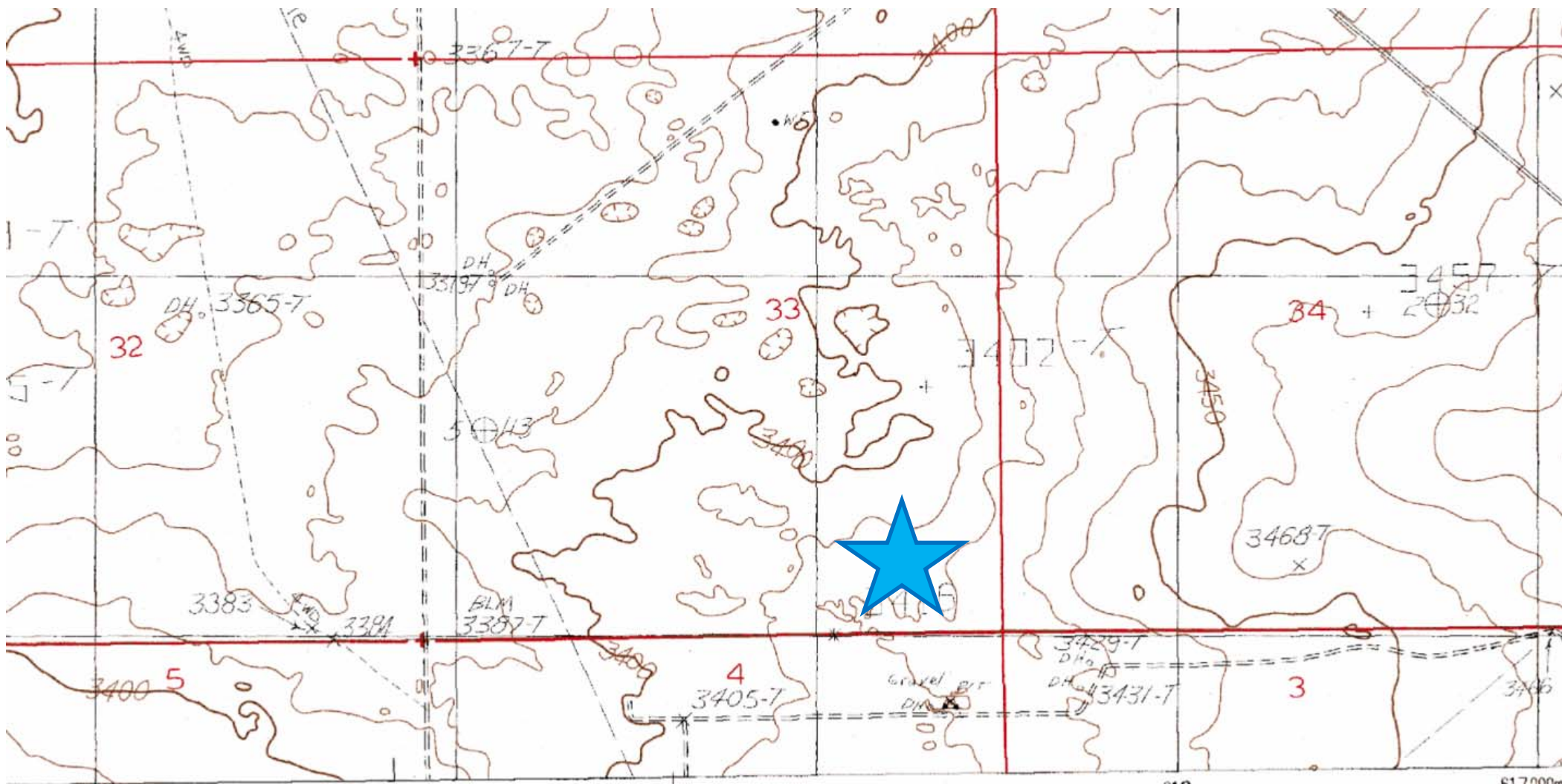
# Sterling Silver 33 Federal #1H

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY





# Sterling Silver 33 Federal #1H





**Laboratory Analytical Results Summary**  
**Sterling Silver 33 Federal #1H**

		Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'
Analyte	Method	Date	10/29/14	10/29/14	10/29/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		n/a	n/a	288
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	24.7	<10.0

		Sample	SP5 @ 1'
Analyte	Method	Date	10/30/14
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'
Analyte	Method	Date	10/29/14	10/29/14	10/29/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		n/a	n/a	224
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0

		Sample	SP6 @ 1'	SP6 @ 2'	SP6 @ 3'
Analyte	Method	Date	10/30/14	10/30/14	10/30/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.100	<0.050	<0.050
Toluene	BTEX 8021B		<1.00	<0.050	<0.050
Ethylbenzene	BTEX 8021B		1.08	<0.050	<0.050
Total Xylenes	BTEX 8021B		16.8	0.364	0.23
Total BTEX	BTEX 8021B		17.9	0.364	<0.300
Chloride	SM4500Cl-B		n/a	n/a	<16.0
GRO	TPH 8015M		1540	66.7	49.3
DRO	TPH 8015M		12000	2020	2180

		Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'
Analyte	Method	Date	10/29/14	10/29/14	10/29/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		n/a	n/a	256
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0

		Sample	SP7 @ 1'
Analyte	Method	Date	10/30/14
			mg/Kg
Benzene	BTEX 8021B		<0.050
Toluene	BTEX 8021B		<0.050
Ethylbenzene	BTEX 8021B		<0.050
Total Xylenes	BTEX 8021B		<0.150
Total BTEX	BTEX 8021B		<0.300
Chloride	SM4500Cl-B		<16.0
GRO	TPH 8015M		<10.0
DRO	TPH 8015M		<10.0

		Sample	SP4 @ 1'	SP4 @ 2'	SP4 @ 3'
Analyte	Method	Date	10/29/14	10/29/14	10/29/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		n/a	n/a	<16.0
GRO	TPH 8015M		<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	22.4

		Sample	SP8 @ 1'	SP8 @ 2'	SP8 @ 3'
Analyte	Method	Date	10/30/14	10/30/14	10/30/14
			mg/Kg	mg/Kg	mg/Kg
Benzene	BTEX 8021B		<0.500	<0.050	<0.050
Toluene	BTEX 8021B		<0.500	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.500	<0.050	<0.050
Total Xylenes	BTEX 8021B		3.32	0.24	<0.150
Total BTEX	BTEX 8021B		3.32	<0.300	<0.300
Chloride	SM4500Cl-B		n/a	n/a	<16.0
GRO	TPH 8015M		556	51.4	<10.0
DRO	TPH 8015M		7780	1820	<10.0

**Laboratory Analytical Results Summary**  
**Sterling Silver 33 Federal #1H**

		Sample	SP9 @ 1'	SP9 @ 2'	SP9 @ 3'
Analyte	Method	Date	10/31/14	10/31/14	10/31/14
			mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.050	<0.050	<0.050
<b>Toluene</b>	BTEX 8021B		<0.050	<0.050	<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<b>0.133</b>	<0.050	<0.050
<b>Total Xylenes</b>	BTEX 8021B		<b>0.672</b>	<0.150	<0.150
<b>Total BTEX</b>	BTEX 8021B		<b>0.805</b>	<0.300	<0.300
<b>Chloride</b>	SM4500Cl-B		n/a	n/a	<16.0
<b>GRO</b>	TPH 8015M		<b>155</b>	<10.0	<10.0
<b>DRO</b>	TPH 8015M		<b>3090</b>	<b>11.6</b>	<10.0

		Sample	SP13 @ 1'
Analyte	Method	Date	10/31/14
			mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.050
<b>Toluene</b>	BTEX 8021B		<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<0.050
<b>Total Xylenes</b>	BTEX 8021B		<0.150
<b>Total BTEX</b>	BTEX 8021B		<0.300
<b>Chloride</b>	SM4500Cl-B		<16.0
<b>GRO</b>	TPH 8015M		<20.0
<b>DRO</b>	TPH 8015M		<20.0

		Sample	SP10 @ 1'	SP10 @ 2'
Analyte	Method	Date	10/31/14	10/31/14
			mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.050	<0.050
<b>Toluene</b>	BTEX 8021B		<0.050	<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<0.050	<0.050
<b>Total Xylenes</b>	BTEX 8021B		<0.150	<0.150
<b>Total BTEX</b>	BTEX 8021B		<0.300	<0.300
<b>Chloride</b>	SM4500Cl-B		n/a	n/a
<b>GRO</b>	TPH 8015M		<20.0	<20.0
<b>DRO</b>	TPH 8015M		<b>21.1</b>	<20.0

		Sample	SP14 @ 1'
Analyte	Method	Date	10/31/14
			mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.050
<b>Toluene</b>	BTEX 8021B		<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<0.050
<b>Total Xylenes</b>	BTEX 8021B		<0.150
<b>Total BTEX</b>	BTEX 8021B		<0.300
<b>Chloride</b>	SM4500Cl-B		<16.0
<b>GRO</b>	TPH 8015M		<20.0
<b>DRO</b>	TPH 8015M		<20.0

		Sample	SP11 @ 1'	SP11 @ 2'	SP11 @ 3'
Analyte	Method	Date	10/31/14	10/31/14	10/31/14
			mg/Kg	mg/Kg	mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.050	<0.050	<0.050
<b>Toluene</b>	BTEX 8021B		<0.050	<0.050	<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<0.050	<0.050	<0.050
<b>Total Xylenes</b>	BTEX 8021B		<0.150	<0.150	<0.150
<b>Total BTEX</b>	BTEX 8021B		<0.300	<0.300	<0.300
<b>Chloride</b>	SM4500Cl-B		n/a	n/a	<16.0
<b>GRO</b>	TPH 8015M		<20.0	<20.0	<20.0
<b>DRO</b>	TPH 8015M		<20.0	<20.0	<20.0

		Sample	SP12 @ SURFACE
Analyte	Method	Date	10/31/14
			mg/Kg
<b>Benzene</b>	BTEX 8021B		<0.050
<b>Toluene</b>	BTEX 8021B		<0.050
<b>Ethylbenzene</b>	BTEX 8021B		<0.050
<b>Total Xylenes</b>	BTEX 8021B		<0.150
<b>Total BTEX</b>	BTEX 8021B		<0.300
<b>Chloride</b>	SM4500Cl-B		<16.0
<b>GRO</b>	TPH 8015M		<20.0
<b>DRO</b>	TPH 8015M		<b>39.4</b>

November 10, 2014

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STERLING SILVER 33 FED #1H

Enclosed are the results of analyses for samples received by the laboratory on 11/04/14 9:23.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-13-5. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_accred\\_certif.html](http://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,



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:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 1 @ 1 (H403393-01)**

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/06/2014	ND	1.93	96.7	2.00	1.60		
Toluene*	<0.050	0.050	11/06/2014	ND	1.88	94.0	2.00	0.440		
Ethylbenzene*	<0.050	0.050	11/06/2014	ND	1.79	89.3	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/06/2014	ND	5.26	87.7	6.00	2.03		
Total BTX	<0.300	0.300	11/06/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 61-154

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	11/05/2014	ND	193	96.4	200	0.670		
DRO >C10-C28	<10.0	10.0	11/05/2014	ND	216	108	200	0.360		

Surrogate: 1-Chlorooctane 99.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



**Analytical Results For:**

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

Received:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 1 @ 2 (H403393-02)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/06/2014	ND	1.93	96.7	2.00	1.60		
Toluene*	<0.050	0.050	11/06/2014	ND	1.88	94.0	2.00	0.440		
Ethylbenzene*	<0.050	0.050	11/06/2014	ND	1.79	89.3	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/06/2014	ND	5.26	87.7	6.00	2.03		
Total BTEX	<0.300	0.300	11/06/2014	ND						

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

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	11/05/2014	ND	193	96.4	200	0.670		
<b>DRO &gt;C10-C28</b>	<b>24.7</b>	10.0	11/05/2014	ND	216	108	200	0.360		

Surrogate: 1-Chlorooctane 102 % 47.2-157

Surrogate: 1-Chlorooctadecane 110 % 52.1-176

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Fax To: (575) 397-0397

Received:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 1 @ 3 (H403393-03)**

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/06/2014	ND	1.93	96.7	2.00	1.60		
Toluene*	<0.050	0.050	11/06/2014	ND	1.88	94.0	2.00	0.440		
Ethylbenzene*	<0.050	0.050	11/06/2014	ND	1.79	89.3	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/06/2014	ND	5.26	87.7	6.00	2.03		
Total BTX	<0.300	0.300	11/06/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	288	16.0	11/05/2014	ND	416	104	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	11/05/2014	ND	193	96.4	200	0.670	
DRO >C10-C28	<10.0	10.0	11/05/2014	ND	216	108	200	0.360	

Surrogate: 1-Chlorooctane 98.3 % 47.2-157

Surrogate: 1-Chlorooctadecane 104 % 52.1-176

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

Received:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 2 @ 1 (H403393-04)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/06/2014	ND	1.93	96.7	2.00	1.60		
Toluene*	<0.050	0.050	11/06/2014	ND	1.88	94.0	2.00	0.440		
Ethylbenzene*	<0.050	0.050	11/06/2014	ND	1.79	89.3	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/06/2014	ND	5.26	87.7	6.00	2.03		
Total BTEX	<0.300	0.300	11/06/2014	ND						

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

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	11/05/2014	ND	193	96.4	200	0.670		
DRO >C10-C28	<10.0	10.0	11/05/2014	ND	216	108	200	0.360		

Surrogate: 1-Chlorooctane 96.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

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

Received:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 2 @ 2 (H403393-05)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/06/2014	ND	1.93	96.7	2.00	1.60		
Toluene*	<0.050	0.050	11/06/2014	ND	1.88	94.0	2.00	0.440		
Ethylbenzene*	<0.050	0.050	11/06/2014	ND	1.79	89.3	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/06/2014	ND	5.26	87.7	6.00	2.03		
Total BTEX	<0.300	0.300	11/06/2014	ND						

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

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	11/05/2014	ND	193	96.4	200	0.670		
DRO >C10-C28	<10.0	10.0	11/05/2014	ND	216	108	200	0.360		

Surrogate: 1-Chlorooctane 95.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 104 % 52.1-176

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

Received:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 2 @ 3 (H403393-06)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/06/2014	ND	1.93	96.7	2.00	1.60		
Toluene*	<0.050	0.050	11/06/2014	ND	1.88	94.0	2.00	0.440		
Ethylbenzene*	<0.050	0.050	11/06/2014	ND	1.79	89.3	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/06/2014	ND	5.26	87.7	6.00	2.03		
Total BTEx	<0.300	0.300	11/06/2014	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	11/05/2014	ND	416	104	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	11/05/2014	ND	193	96.4	200	0.670	
DRO >C10-C28	<10.0	10.0	11/05/2014	ND	216	108	200	0.360	

Surrogate: 1-Chlorooctane 95.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 105 % 52.1-176

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 Fax To: (575) 397-0397

Received:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 3 @ 1 (H403393-07)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/06/2014	ND	1.93	96.7	2.00	1.60		
Toluene*	<0.050	0.050	11/06/2014	ND	1.88	94.0	2.00	0.440		
Ethylbenzene*	<0.050	0.050	11/06/2014	ND	1.79	89.3	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/06/2014	ND	5.26	87.7	6.00	2.03		
Total BTEX	<0.300	0.300	11/06/2014	ND						

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

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	11/05/2014	ND	193	96.4	200	0.670		
DRO >C10-C28	<10.0	10.0	11/05/2014	ND	216	108	200	0.360		

Surrogate: 1-Chlorooctane 96.6 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 3 @ 2 (H403393-08)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.93	96.7	2.00	1.60		
Toluene*	<0.050	0.050	11/07/2014	ND	1.88	94.0	2.00	0.440		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.79	89.3	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	5.26	87.7	6.00	2.03		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 61-154

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	11/06/2014	ND	192	95.9	200	2.08	
DRO >C10-C28	<10.0	10.0	11/06/2014	ND	224	112	200	3.37	

Surrogate: 1-Chlorooctane 104 % 47.2-157

Surrogate: 1-Chlorooctadecane 109 % 52.1-176

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

Received:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 3 @ 3 (H403393-09)**

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.93	96.7	2.00	1.60		
Toluene*	<0.050	0.050	11/07/2014	ND	1.88	94.0	2.00	0.440		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.79	89.3	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	5.26	87.7	6.00	2.03		
Total BTX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	256	16.0	11/05/2014	ND	416	104	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	11/06/2014	ND	192	95.9	200	2.08	
DRO >C10-C28	<10.0	10.0	11/06/2014	ND	224	112	200	3.37	

Surrogate: 1-Chlorooctane 97.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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 P.O. Box 805  
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 Fax To: (575) 397-0397

Received:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 4 @ 1 (H403393-10)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.93	96.7	2.00	1.60		
Toluene*	<0.050	0.050	11/07/2014	ND	1.88	94.0	2.00	0.440		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.79	89.3	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	5.26	87.7	6.00	2.03		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 61-154

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	11/06/2014	ND	192	95.9	200	2.08		
DRO >C10-C28	<10.0	10.0	11/06/2014	ND	224	112	200	3.37		

Surrogate: 1-Chlorooctane 99.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

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

Received:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 4 @ 2 (H403393-11)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.93	96.7	2.00	1.60		
Toluene*	<0.050	0.050	11/07/2014	ND	1.88	94.0	2.00	0.440		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.79	89.3	2.00	1.12		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	5.26	87.7	6.00	2.03		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

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	11/06/2014	ND	192	95.9	200	2.08		
DRO >C10-C28	<10.0	10.0	11/06/2014	ND	224	112	200	3.37		

Surrogate: 1-Chlorooctane 100 % 47.2-157

Surrogate: 1-Chlorooctadecane 104 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	11/04/2014	Sampling Date:	10/29/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 4 @ 3 (H403393-12)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2014	ND	416	104	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	11/06/2014	ND	192	95.9	200	2.08		
<b>DRO &gt;C10-C28</b>	<b>22.4</b>	10.0	11/06/2014	ND	224	112	200	3.37		

Surrogate: 1-Chlorooctane 99.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 106 % 52.1-176

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**Analytical Results For:**

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

Received:	11/04/2014	Sampling Date:	10/30/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 5 @ 1 (H403393-13)**

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48	
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66	
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29	
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45	
Total BTX	<0.300	0.300	11/07/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2014	ND	416	104	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	11/06/2014	ND	192	95.9	200	2.08	
DRO >C10-C28	<10.0	10.0	11/06/2014	ND	224	112	200	3.37	

Surrogate: 1-Chlorooctane 96.1 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

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

Received:	11/04/2014	Sampling Date:	10/30/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 6 @ 1 (H403393-14)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<1.00	1.00	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<1.00	1.00	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<b>1.08</b>	1.00	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<b>16.8</b>	3.00	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	<b>17.9</b>	6.00	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 61-154

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<b>1540</b>	50.0	11/06/2014	ND	192	95.9	200	2.08		
DRO >C10-C28	<b>12000</b>	50.0	11/06/2014	ND	224	112	200	3.37		

Surrogate: 1-Chlorooctane 256 % 47.2-157

Surrogate: 1-Chlorooctadecane 325 % 52.1-176

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

Received:	11/04/2014	Sampling Date:	10/30/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 6 @ 2 (H403393-15)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	0.364	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEx	0.364	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 61-154

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	66.7	10.0	11/06/2014	ND	192	95.9	200	2.08	
DRO >C10-C28	2020	10.0	11/06/2014	ND	224	112	200	3.37	

Surrogate: 1-Chlorooctane 109 % 47.2-157

Surrogate: 1-Chlorooctadecane 133 % 52.1-176

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Fax To: (575) 397-0397

Received:	11/04/2014	Sampling Date:	10/30/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 6 @ 3 (H403393-16)**

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
<b>Total Xylenes*</b>	<b>0.230</b>	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.5 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2014	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>49.3</b>	10.0	11/06/2014	ND	192	95.9	200	2.08		
<b>DRO &gt;C10-C28</b>	<b>2180</b>	10.0	11/06/2014	ND	224	112	200	3.37		

Surrogate: 1-Chlorooctane 111 % 47.2-157

Surrogate: 1-Chlorooctadecane 137 % 52.1-176

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**Analytical Results For:**

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

Received:	11/04/2014	Sampling Date:	10/30/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 7 @ 1 (H403393-17)**

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2014	ND	416	104	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	11/06/2014	ND	192	95.9	200	2.08	
DRO >C10-C28	<10.0	10.0	11/06/2014	ND	224	112	200	3.37	

Surrogate: 1-Chlorooctane 99.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 104 % 52.1-176

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

Received:	11/04/2014	Sampling Date:	10/30/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 8 @ 1 (H403393-18)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.500	0.500	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.500	0.500	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.500	0.500	11/07/2014	ND	1.66	83.0	2.00	4.29		
<b>Total Xylenes*</b>	<b>3.32</b>	1.50	11/07/2014	ND	4.99	83.1	6.00	4.45		
<b>Total BTEx</b>	<b>3.32</b>	3.00	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 61-154

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>556</b>	50.0	11/06/2014	ND	192	95.9	200	2.08		
<b>DRO &gt;C10-C28</b>	<b>7780</b>	50.0	11/06/2014	ND	224	112	200	3.37		

Surrogate: 1-Chlorooctane 184 % 47.2-157

Surrogate: 1-Chlorooctadecane 209 % 52.1-176

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

Received:	11/04/2014	Sampling Date:	10/30/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 8 @ 2 (H403393-19)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
<b>Total Xylenes*</b>	<b>0.240</b>	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 100 % 61-154

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>51.4</b>	10.0	11/06/2014	ND	192	95.9	200	2.08		
<b>DRO &gt;C10-C28</b>	<b>1820</b>	10.0	11/06/2014	ND	224	112	200	3.37		

Surrogate: 1-Chlorooctane 113 % 47.2-157

Surrogate: 1-Chlorooctadecane 129 % 52.1-176

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

Received:	11/04/2014	Sampling Date:	10/30/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 8 @ 3 (H403393-20)**

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48	
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66	
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29	
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45	
Total BTX	<0.300	0.300	11/07/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2014	ND	416	104	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	11/06/2014	ND	192	95.9	200	2.08	
DRO >C10-C28	<10.0	10.0	11/06/2014	ND	224	112	200	3.37	

Surrogate: 1-Chlorooctane 93.9 % 47.2-157

Surrogate: 1-Chlorooctadecane 97.9 % 52.1-176

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	11/04/2014	Sampling Date:	10/31/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 9 @ 1 (H403393-21)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	0.133	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	0.672	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	0.805	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 61-154

TPH 8015M		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<b>155</b>	10.0	11/06/2014	ND	192	95.9	200	2.08		
DRO >C10-C28	<b>3090</b>	10.0	11/06/2014	ND	224	112	200	3.37		

Surrogate: 1-Chlorooctane 129 % 47.2-157

Surrogate: 1-Chlorooctadecane 147 % 52.1-176

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P.O. Box 805  
Hobbs NM, 88241  
Fax To: (575) 397-0397

Received:	11/04/2014	Sampling Date:	10/31/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 9 @ 2 (H403393-22)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 61-154

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	11/06/2014	ND	192	95.9	200	2.08	
DRO >C10-C28	11.6	10.0	11/06/2014	ND	224	112	200	3.37	

Surrogate: 1-Chlorooctane 106 % 47.2-157

Surrogate: 1-Chlorooctadecane 113 % 52.1-176

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P.O. Box 805  
Hobbs NM, 88241  
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Received:	11/04/2014	Sampling Date:	10/31/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 9 @ 3 (H403393-23)**

BTEX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2014	ND	416	104	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	11/05/2014	ND	211	105	200	1.29	
DRO >C10-C28	<10.0	10.0	11/05/2014	ND	215	107	200	4.71	

Surrogate: 1-Chlorooctane 98.4 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

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Fax To: (575) 397-0397

Received:	11/04/2014	Sampling Date:	10/31/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 10 @ 1 (H403393-24)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 61-154

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<20.0	20.0	11/05/2014	ND	211	105	200	1.29		
<b>DRO &gt;C10-C28</b>	<b>21.1</b>	20.0	11/05/2014	ND	215	107	200	4.71		

Surrogate: 1-Chlorooctane 87.7 % 47.2-157

Surrogate: 1-Chlorooctadecane 90.9 % 52.1-176

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Received:	11/04/2014	Sampling Date:	10/31/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 10 @ 2 (H403393-25)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.3 % 61-154

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<20.0	20.0	11/05/2014	ND	211	105	200	1.29		
DRO >C10-C28	<20.0	20.0	11/05/2014	ND	215	107	200	4.71		

Surrogate: 1-Chlorooctane 98.0 % 47.2-157

Surrogate: 1-Chlorooctadecane 99.3 % 52.1-176

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 Fax To: (575) 397-0397

Received:	11/04/2014	Sampling Date:	10/31/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 11 @ 1 (H403393-26)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 61-154

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<20.0	20.0	11/05/2014	ND	211	105	200	1.29		
DRO >C10-C28	<20.0	20.0	11/05/2014	ND	215	107	200	4.71		

Surrogate: 1-Chlorooctane 94.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 95.4 % 52.1-176

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Fax To: (575) 397-0397

Received:	11/04/2014	Sampling Date:	10/31/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 11 @ 2 (H403393-27)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 61-154

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<20.0	20.0	11/05/2014	ND	211	105	200	1.29		
DRO >C10-C28	<20.0	20.0	11/05/2014	ND	215	107	200	4.71		

Surrogate: 1-Chlorooctane 97.2 % 47.2-157

Surrogate: 1-Chlorooctadecane 100 % 52.1-176

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Fax To: (575) 397-0397

Received:	11/04/2014	Sampling Date:	10/31/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 11 @ 3 (H403393-28)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2014	ND	416	104	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	<20.0	20.0	11/05/2014	ND	211	105	200	1.29	
DRO >C10-C28	<20.0	20.0	11/05/2014	ND	215	107	200	4.71	

Surrogate: 1-Chlorooctane 99.8 % 47.2-157

Surrogate: 1-Chlorooctadecane 101 % 52.1-176

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Fax To: (575) 397-0397

Received:	11/04/2014	Sampling Date:	10/31/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 12 @ SURFACE (H403393-29)**

BTX 8021B		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48	
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66	
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29	
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45	
Total BTX	<0.300	0.300	11/07/2014	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2014	ND	416	104	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	<20.0	20.0	11/05/2014	ND	211	105	200	1.29	
DRO >C10-C28	39.4	20.0	11/05/2014	ND	215	107	200	4.71	

Surrogate: 1-Chlorooctane 105 % 47.2-157

Surrogate: 1-Chlorooctadecane 108 % 52.1-176

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

Received:	11/04/2014	Sampling Date:	10/31/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 13 @ 1' (H403393-30)**

BTEx 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTEx	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 61-154

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2014	ND	416	104	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	<20.0	20.0	11/05/2014	ND	211	105	200	1.29	
DRO >C10-C28	<20.0	20.0	11/05/2014	ND	215	107	200	4.71	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 103 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

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

Received:	11/04/2014	Sampling Date:	10/31/2014
Reported:	11/10/2014	Sampling Type:	Soil
Project Name:	STERLING SILVER 33 FED #1H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Kathy Perez
Project Location:	PURE GOLD ROAD		

**Sample ID: SP 14 @ 1' (H403393-31)**

BTX 8021B		mg/kg		Analyzed By: ms						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/07/2014	ND	1.76	88.2	2.00	5.48		
Toluene*	<0.050	0.050	11/07/2014	ND	1.67	83.7	2.00	5.66		
Ethylbenzene*	<0.050	0.050	11/07/2014	ND	1.66	83.0	2.00	4.29		
Total Xylenes*	<0.150	0.150	11/07/2014	ND	4.99	83.1	6.00	4.45		
Total BTX	<0.300	0.300	11/07/2014	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.2 % 61-154

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	11/05/2014	ND	416	104	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	<20.0	20.0	11/05/2014	ND	211	105	200	1.29	
DRO >C10-C28	<20.0	20.0	11/05/2014	ND	215	107	200	4.71	

Surrogate: 1-Chlorooctane 101 % 47.2-157

Surrogate: 1-Chlorooctadecane 102 % 52.1-176

Cardinal Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



### 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.
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 Laboratories

\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



## ORDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



## ORDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

<b>Company Name:</b> BBC International, Inc.				<b>P.O. #:</b>			
<b>Project Manager:</b> Cliff Brunson							
<b>Address:</b> P.O. Box 805	<b>State:</b> NM	<b>Zip:</b> 88241	<b>Company:</b>				
<b>City:</b> Hobbs			<b>Attn:</b>				
<b>Phone #:</b> 575-397-6388	<b>Fax #:</b> 575-397-0397	<b>Address:</b>					
<b>Project #:</b>		<b>Project Owner:</b> DXY		<b>City:</b>			
<b>Project Location:</b> Stealing Silver 33 Fed LIT Pore Gold Ed		<b>State:</b>		<b>Zip:</b>			
<b>Sample Name:</b>		<b>Phone #:</b>		<b>Fax #:</b>			

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	CL -  TPH BTEx									
		GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE												OTHER :
a1	SP 901																	
a2	e2																	
a3	b3																	
a4	SP1001																	
a5	c2																	
a6	SP1101																	
a7	e2																	
a8	b3																	
a9	SP120 surface																	
a10	SP1301																	

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort shall be limited to the amount paid by the client for the 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 30 days after completion of the applicable services. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

<b>Relinquished By:</b> [Signature]	<b>Date:</b> 11-14-11	<b>Received By:</b> [Signature]	<b>Date:</b> 11-14-11
<b>Time:</b>	<b>Time:</b>	<b>Time:</b>	<b>Time:</b>

<b>Delivered By: (Circle One)</b>	<b>Sample Condition</b>	<b>CHECKED BY: (Initialed)</b>
Sampler - UPS    Bus   Other	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	[Initials]

**REMARKS:**

-O.20c

+ Cardinal cannot accept verbal changes. Please fax written changes to 505-203-2476



# ORDINAL LABORATORIES

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

## CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

## Kathy Purvis

---

**From:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>  
**Sent:** Tuesday, January 27, 2015 6:58 AM  
**To:** Cliff Brunson  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** RE: OXY - Sterling Silver 33 Federal #1H - Remediation Plan

RE: OXY USA \* Sterling Silver 33 Fed 1 \* 30-015-39831 \* P-33-23s-31e \* Eddy County, NM  
NMOCD Tracking Number: 2RP-2545 \* Date of release: 9/18/14

Cliff,

Your proposal for remediation of the above referenced release is approved. Federal sites will require like approval by BLM.

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

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

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

---

**From:** Cliff Brunson [<mailto:cbrunson@bbcinternational.com>]  
**Sent:** Monday, January 12, 2015 2:31 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** OXY - Sterling Silver 33 Federal #1H - Remediation Plan

Mike,

This e-mail is to confirm our conversation on January 8, 2015 about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. If you will review the revised diagram on the attachment, it depicts the remediation plan and the areas and depths of the excavations per our discussions. After the soil is excavated, the site will be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation 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](mailto:cbrunson@bbcinternational.com)

\*\*\*\*\*

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\*\*\*\*\*



## Kathy Purvis

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**From:** Hughes, Solomon <shughes@blm.gov>  
**Sent:** Tuesday, February 24, 2015 10:15 AM  
**To:** Cliff Brunson  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** Re: FW: OXY - Sterling Silver 33 Federal #1H - Remediation Plan

Mr. Brunson,

This plan is approved as written with the following conditions of approval:

**This plan still needs to be approved by NMOCD.** BLM approval of this proposal does not relieve the operator of liability, should their operations fail to adequately investigate and remediate contamination that may pose a threat to groundwater, surface water, any other aspects of the natural environment, human health, or if the location does not properly reclaim. In such an event that location does not re-vegetate, or future issues with contaminants are encountered, the operator will be asked to address the location until 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.

Bests,

Sol

### Sol Hughes

Environmental Protection Division  
Bureau of Land Management  
620 E. Greene St  
Carlsbad, NM

Office: 575.234.5951  
Cell: 575.499.3378

On Mon, Feb 23, 2015 at 3:41 PM, Cliff Brunson <[cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)> wrote:

Sol,

This e-mail is to request the BLM's approval for the following remediation plan for the above referenced site. I have attached the materials that pertain to the site and the plan. This plan has already been approved by Mike Bratcher of the NMOCD. His email follows this message.

If you will review the diagram on the attachment, it depicts the remediation plan and the areas and depths of the excavations. After the soil is excavated, the site will be backfilled with clean soil.

If you would please e-mail your concurrence with this remediation 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](mailto:cbrunson@bbcinternational.com)

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**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** RE: OXY - Sterling Silver 33 Federal #1H - Remediation Plan

RE: OXY USA \* Sterling Silver 33 Fed 1 \* 30-015-39831 \* P-33-23s-31e \* Eddy County, NM

NMOCD Tracking Number: 2RP-2545 \* Date of release: 9/18/14

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

Mike Bratcher

NMOCD District 2

811 S. First Street

Artesia, NM 88210

O: 575-748-1283 X108

C: 575-626-0857

F: 575-748-9720

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**Subject:** OXY - Sterling Silver 33 Federal #1H - Remediation Plan

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Thanks, Cliff

Cliff P. Brunson, CEI, CRS

President

BBC International, Inc.

World-Wide Environmental Specialists

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