

# Closure Report

**RECEIVED**  
APR 12 2013  
NMOCD ARTESIA

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

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

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

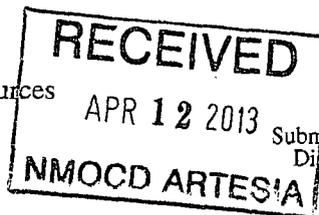
Plan Sent to OCD:	09/11/2012	Email from Cliff Brunson to Mike Bratcher
OCD Approval of Plan:	11/15/2012	Email from Mike Bratcher to Cliff Brunson
Plan Sent to BLM:	12/16/2012	Email from Cliff Brunson to James Amos
BLM Approval of Plan:	12/17/2012	Email from James Amos to Cliff Brunson

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

Request for Closure	
Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.	
Cliff Brunson, President of BBC International Inc.	04/09/2013

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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



Form C-141  
Revised October 10, 2003  
Submit 2 Copies to appropriate  
District Office in accordance  
with Rule 116 on back  
side of form

### Release Notification and Corrective Action

#### OPERATOR

Initial Report  Final Report

Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Sterling Silver 3 #6 CTB	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		Lease No. 30-015-27638	

#### LOCATION OF RELEASE

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
F	3	24S	31E	1980'	North	2310'	West	Eddy

Latitude N 32.24782° Longitude W 103.76716°

#### NATURE OF RELEASE

Type of Release	Oil	Volume of Release	65 bbls	Volume Recovered	0 bbls
Source of Release	1" valve was left open	Date and Hour of Occurrence	12/06/2011	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-OCD; Jim Amos-BLM		
By Whom?	Dusty Wilson	Date and Hour	12/7/2011 @ 3:46 pm		
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 1" valve was left open causing 65 bbls of oil to leak onto the ground. 0 bbls of oil were recovered. The valve was closed.

Describe Area Affected and Cleanup Action Taken.\*

The areas affected are approximately 125' x 20' on location and 100' x 20' off location. Further remediation will be conducted in accordance with OCD and BLM approved remediation plans.

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.

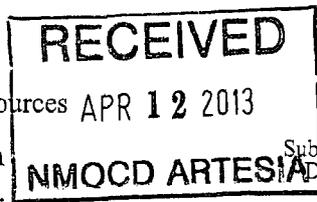
#### OIL CONSERVATION DIVISION

Signature:		Approved by District Supervisor:	
Printed Name:	Chancey Summers	Approval Date:	Expiration Date:
Title:	HES Specialist	Conditions of Approval:	
E-mail Address:	Chancey.Summers@oxy.com	Attached <input type="checkbox"/>	
Date:	12-18-12	Phone: (575) 397-8216	

\* Attach Additional Sheets If Necessary

District I  
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Revised October 10, 2003  
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Initial Report  Final Report

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Facility Name	Sterling Silver 3 #6 CTB	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		Lease No. 30-015-27638	

#### LOCATION OF RELEASE

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By Whom?	Dusty Wilson	Date and Hour	12/7/2011 @ 3:46 pm		
Was a Watercourse Reached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If YES, Volume Impacting the Watercourse.			

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Describe Area Affected and Cleanup Action Taken.\*  
The areas affected are approximately 125' x 20' on location and 100' x 20' off location. Remediation was completed in accordance with the remediation plan approved by Mike Bratcher of NMOCD via email on 11/15/12 and approved by James Amos of BLM on 12/17/12.

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.

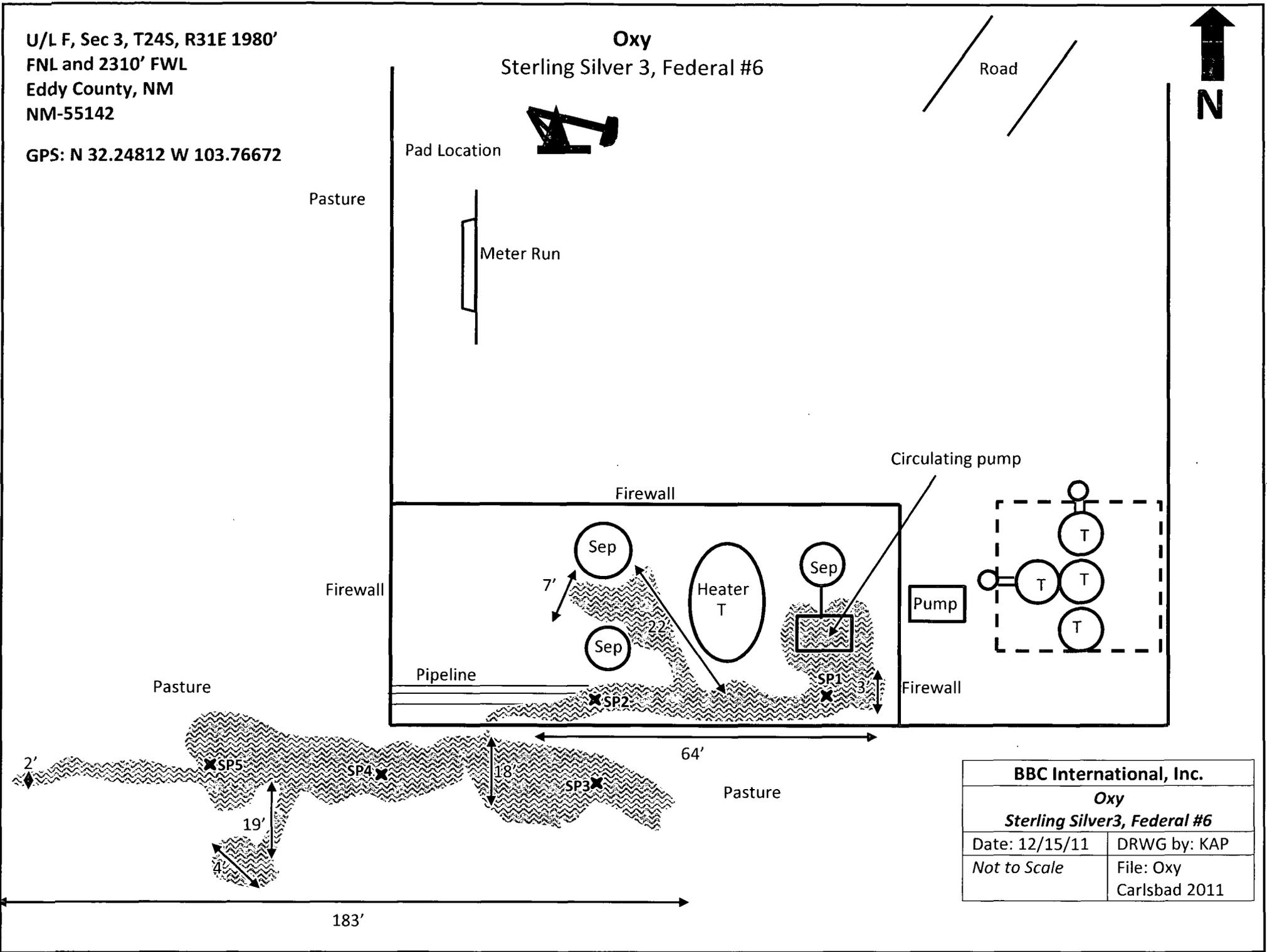
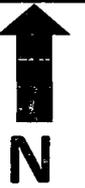
Signature:	<u>OIL CONSERVATION DIVISION</u>		
Printed Name: Chancey Summers	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 4/8/13	Phone: (575) 397-8216		

\* Attach Additional Sheets If Necessary

U/L F, Sec 3, T24S, R31E 1980'  
 FNL and 2310' FWL  
 Eddy County, NM  
 NM-55142

GPS: N 32.24812 W 103.76672

Oxy  
 Sterling Silver 3, Federal #6



<b>BBC International, Inc.</b>	
<i>Oxy</i>	
<b>Sterling Silver3, Federal #6</b>	
Date: 12/15/11	DRWG by: KAP
Not to Scale	File: Oxy Carlsbad 2011

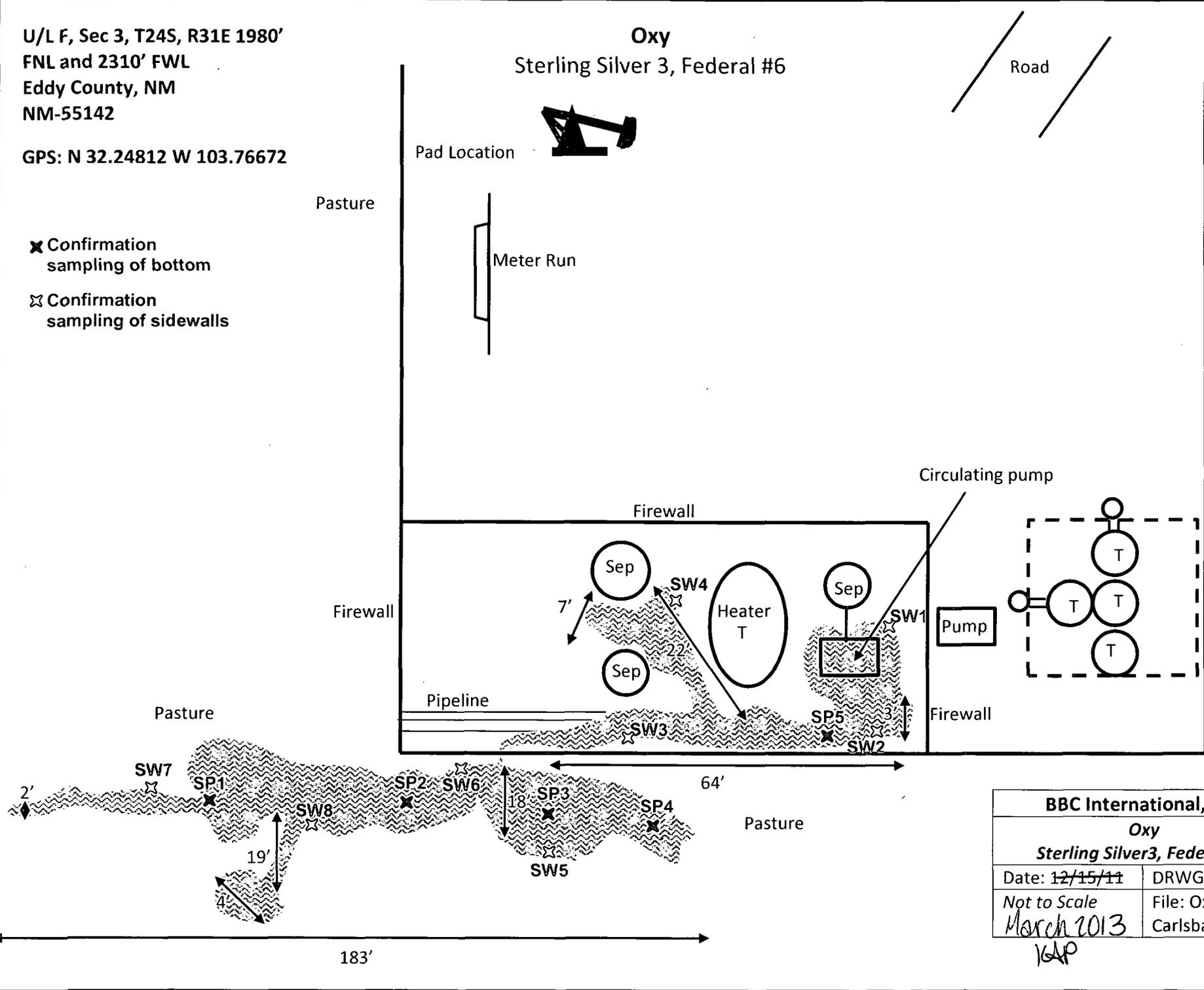
U/L F, Sec 3, T24S, R31E 1980'  
 FNL and 2310' FWL  
 Eddy County, NM  
 NM-55142

GPS: N 32.24812 W 103.76672

Oxy  
 Sterling Silver 3, Federal #6



- ✕ Confirmation sampling of bottom
- ✕ Confirmation sampling of sidewalls



<b>BBC International, Inc.</b>	
<b>Oxy</b>	
<b>Sterling Silver3, Federal #6</b>	
Date: 12/15/11	DRWG by: KAP
Not to Scale	File: Oxy
March 2013 KAP	



# Groundwater Plot

## Oxy Sterling Silver 3 Federal #6

County  
Eddy

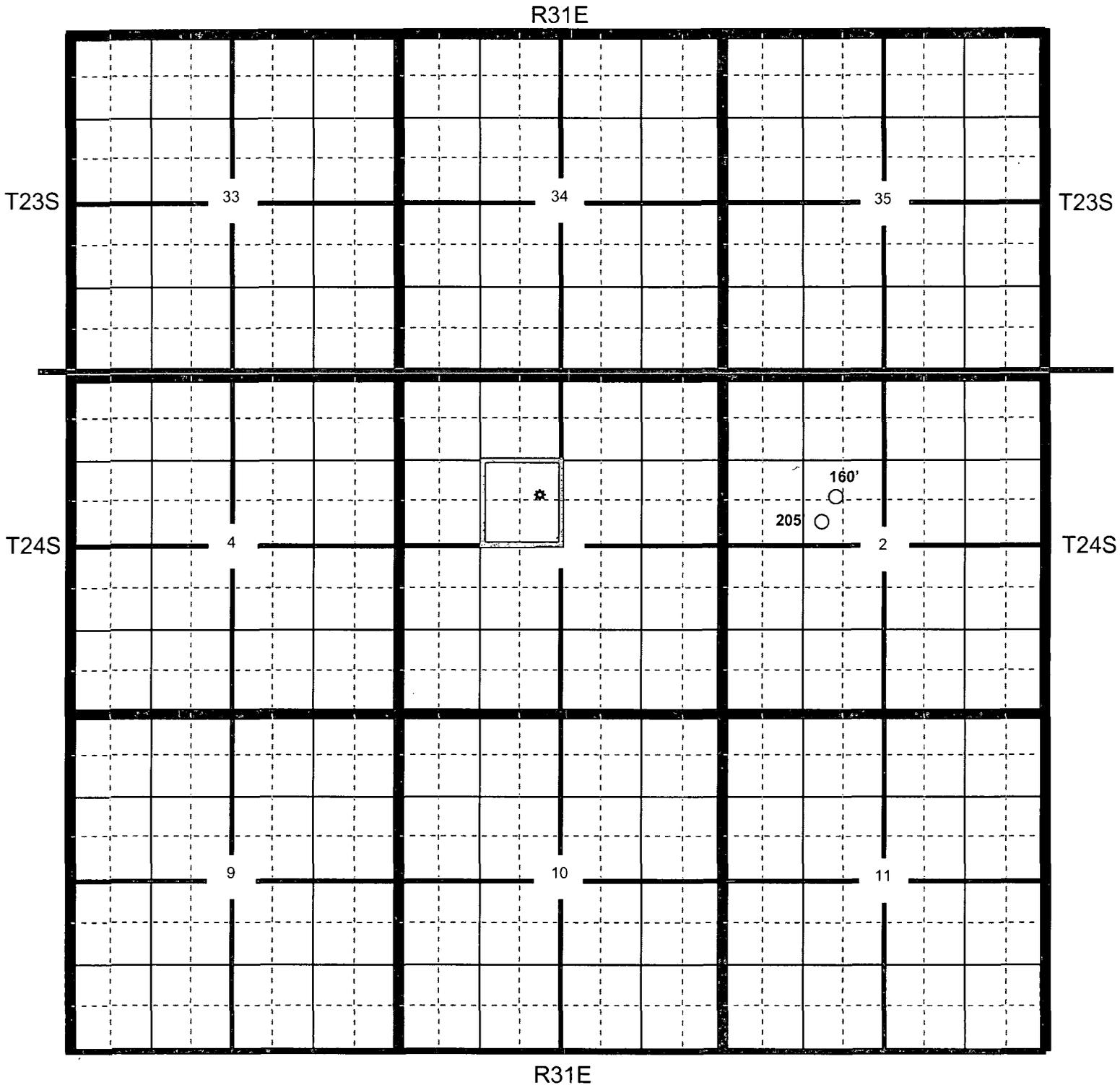
Unit Letter  
F

Section  
3

Township  
24S

Range  
31E

Trend Map 400'



★ Location

○ OCD

○ USGS

○ SEO

● All Databases

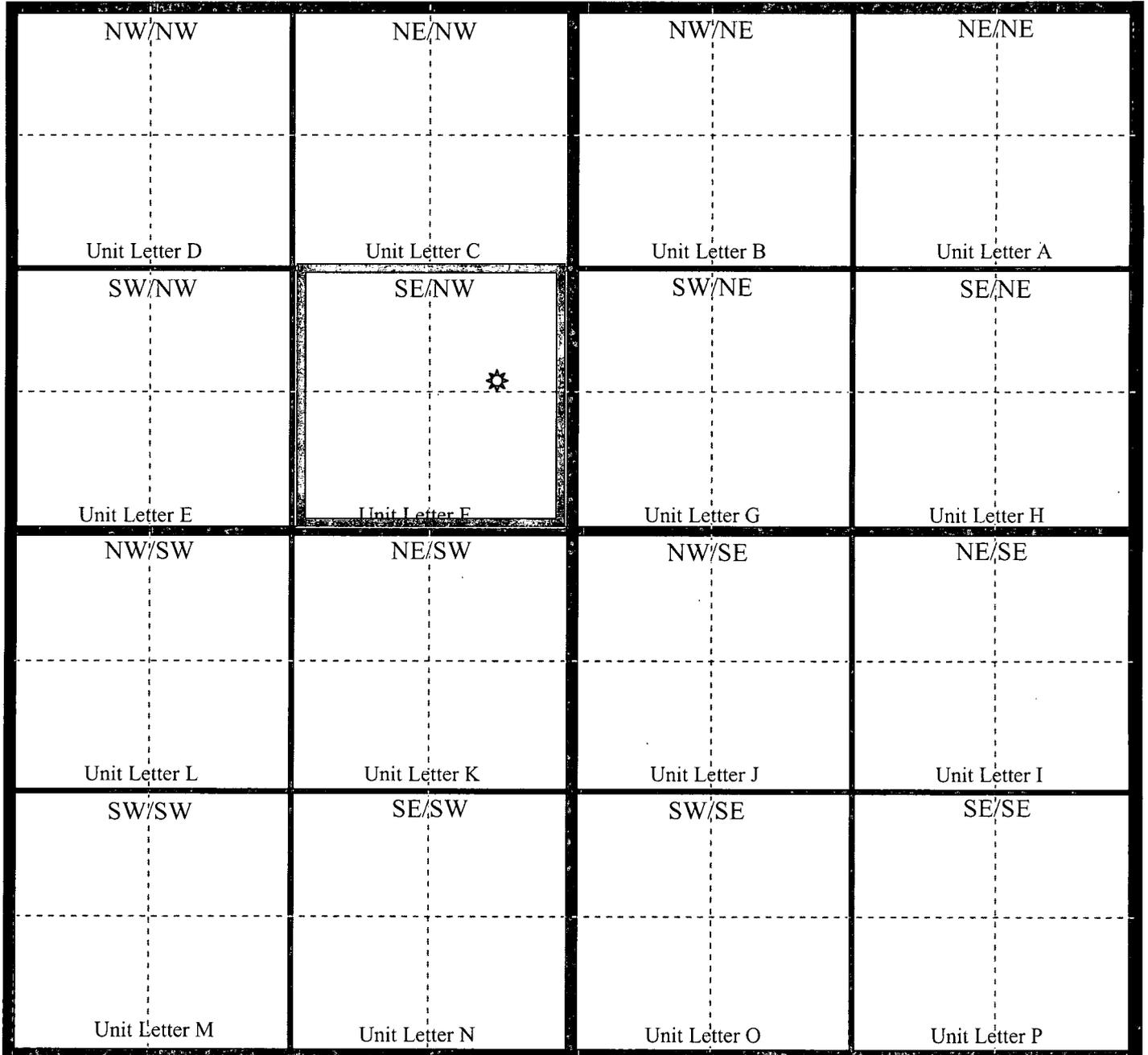
Oxy Sterling Silver 3 Federal #6

County Eddy      Unit Letter F      Section 3      Township 24S      Range 31E

Trend Map 400'

1

2

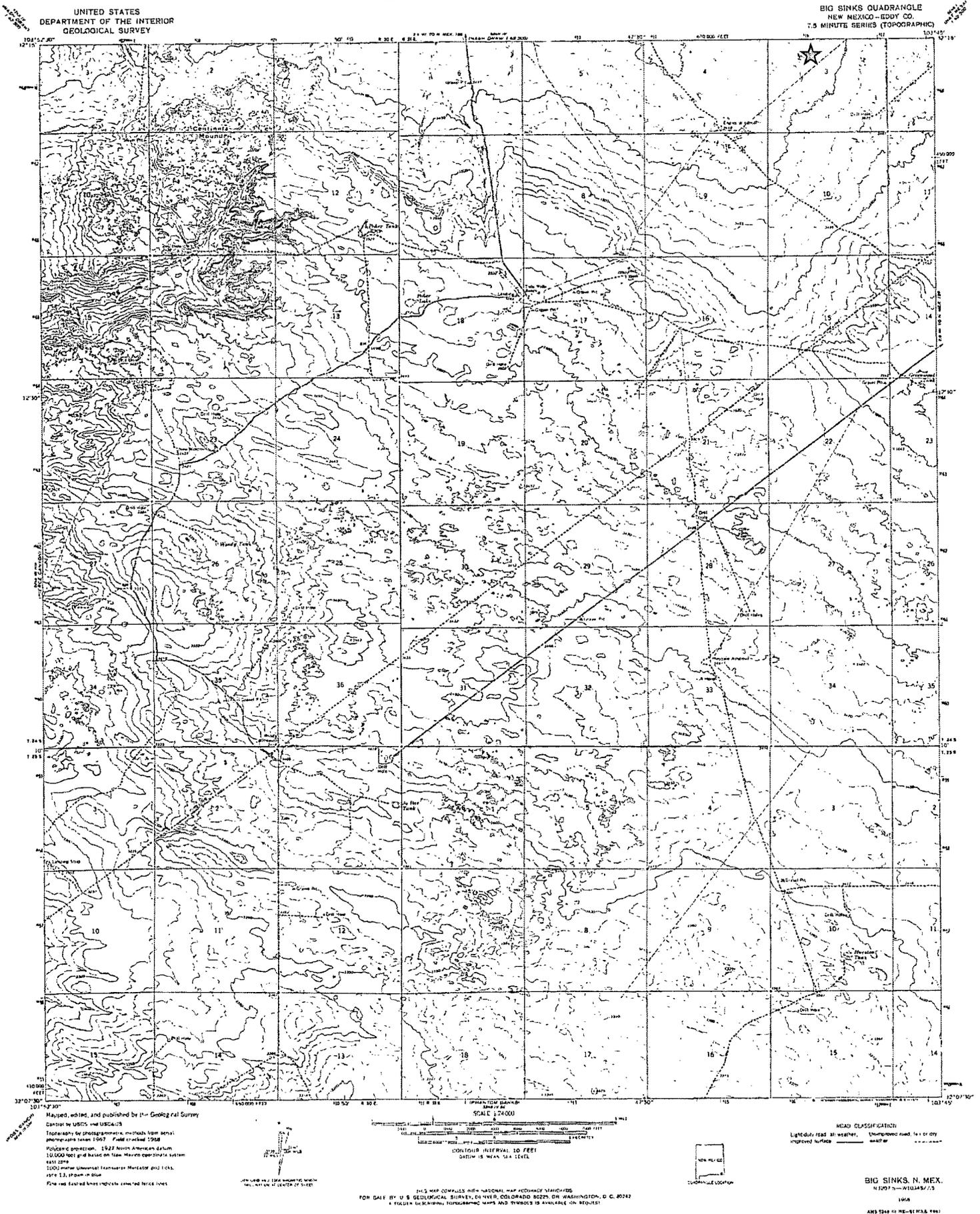


3

4

# Oxy

## Sterling Silver 3 #6 CTB



Oxy

# Sterling Silver 3 #6 CTB

DIG SINKS QUADRANGLE  
NEW MEXICO—EDDY CO.  
7.5 MINUTE SERIES (TOPOGRAPHIC)

5248 IV  
DRAW 1:62 500)

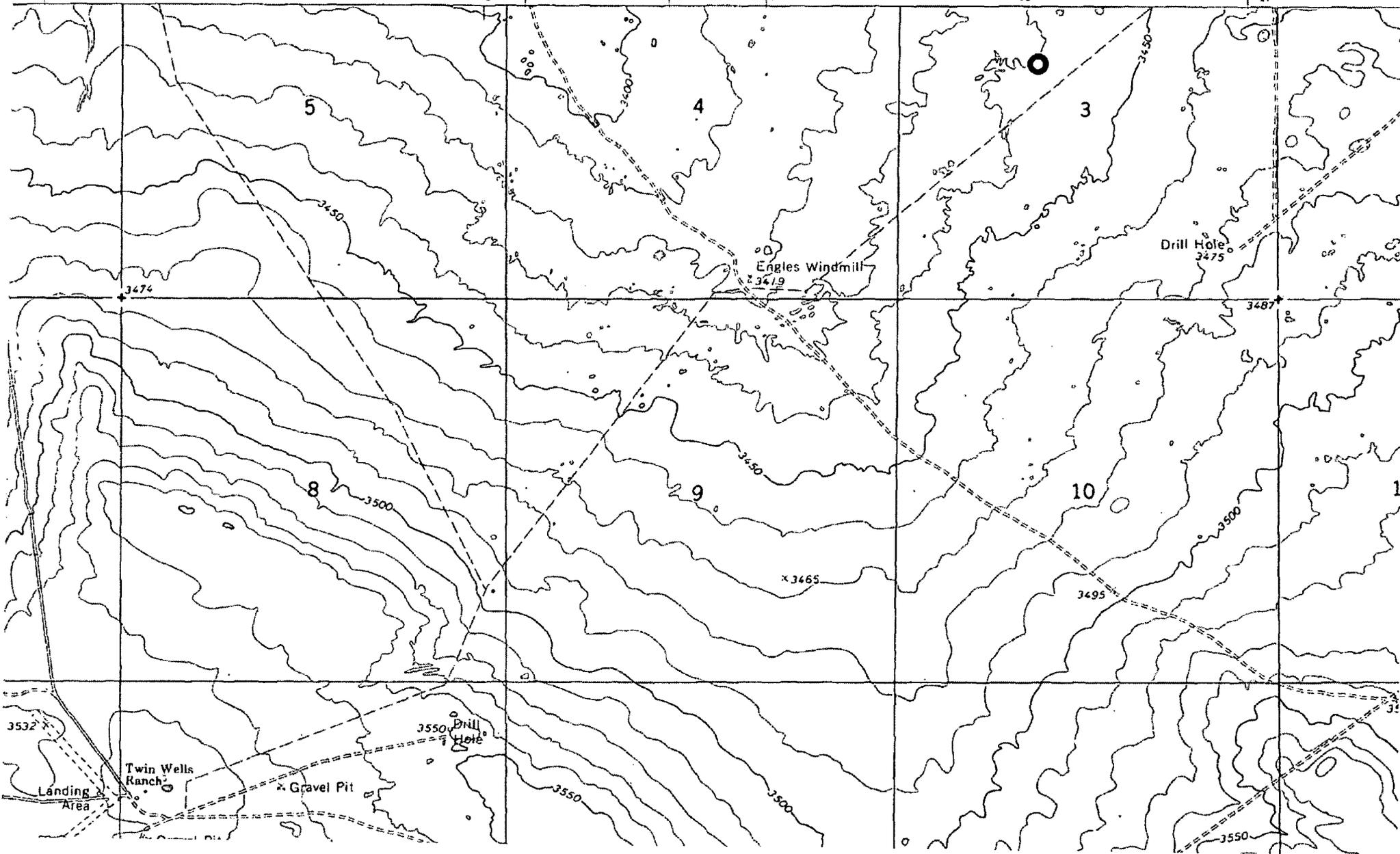
613

47'30" 614

670 000 FEET

616

617



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

Analyte	Method	Sample Date	SP1 @ Surface	SP1 @ 1'	SP1 @ 3'	SP1 @ 5'
			12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg
Benzene	BTEX 8021B		0.1	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		1.7	<0.050	<0.050	0.073
Ethylbenzene	BTEX 8021B		0.922	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		4.07	<0.150	<0.150	<0.150
Chloride	SM4500Cl-B		N/A	<16.0	N/A	N/A
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		93.6	<10.0	<10.0	<10.0

Analyte	Method	Sample Date	SP3 @ Surface	SP3 @ 1'	SP3 @ 3'	SP3 @ 5'	SP3 @ 7'	SP3 @ 10'
			12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg
Benzene	BTEX 8021B		1.89	8.43	<0.050	0.05	1.61	<0.050
Toluene	BTEX 8021B		27.9	56.2	0.338	0.554	11.8	0.059
Ethylbenzene	BTEX 8021B		42.4	37.1	1.01	1.28	14	<0.050
Total Xylenes	BTEX 8021B		122	103	2.7	2.94	39.8	<0.150
Chloride	SM4500Cl-B		N/A	<16.0	N/A	N/A	N/A	N/A
GRO	TPH 8015M		4520	6540	120	75.3	2910	<10.0
DRO	TPH 8015M		19500	9020	829	689	5720	<10.0

Analyte	Method	Sample Date	SP5 @ Surface	SP5 @ 1'	SP5 @ 3'	SP5 @ 5'
			12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg
Benzene	BTEX 8021B		1.11	0.07	<0.050	<0.050
Toluene	BTEX 8021B		25.5	1.68	<0.050	<0.050
Ethylbenzene	BTEX 8021B		31.7	3.71	<0.050	<0.050
Total Xylenes	BTEX 8021B		101	10.7	<0.150	<0.150
Chloride	SM4500Cl-B		N/A	<16.0	N/A	N/A
GRO	TPH 8015M		4900	623	<10.0	<10.0
DRO	TPH 8015M		13200	2030	<10.0	<10.0

Analyte	Method	Sample Date	SP2 @ Surface	SP2 @ 1'	SP2 @ 3'	SP2 @ 5'
			12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg
Benzene	BTEX 8021B		2.57	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		21.5	<0.050	<0.050	0.061
Ethylbenz	BTEX 8021B		20.7	<0.050	<0.050	<0.050
Total Xyle	BTEX 8021B		63.5	<0.150	<0.150	<0.150
Chloride	SM4500Cl-B		N/A	32	N/A	N/A
GRO	TPH 8015M		3330	<10.0	<10.0	<10.0
DRO	TPH 8015M		12200	168	<10.0	<10.0

Analyte	Method	Sample Date	SP4 @ Surface	SP4 @ 1'	SP4 @ 3'	SP4 @ 5'
			12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg	12/29/11 mg/Kg
Benzene	BTEX 8021B		1.38	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		14.8	0.504	<0.050	0.148
Ethylbenz	BTEX 8021B		14	1.56	<0.050	<0.050
Total Xyle	BTEX 8021B		47.6	3.56	<0.150	<0.150
Chloride	SM4500Cl-B		N/A	<16.0	N/A	N/A
GRO	TPH 8015M		4170	<100	<10.0	<10.0
DRO	TPH 8015M		11600	725	<10.0	<10.0



January 05, 2012

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

RE: STERLING SILVER "3" FED #6

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

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_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: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 1 @ SURFACE (H200001-01)**

BTX 8021B		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>0.100</b>	0.050	01/04/2012	ND	2.09	105	2.00	4.01		
<b>Toluene*</b>	<b>1.70</b>	0.050	01/04/2012	ND	2.06	103	2.00	3.82		
<b>Ethylbenzene*</b>	<b>0.992</b>	0.050	01/04/2012	ND	2.37	118	2.00	5.01		
<b>Total Xylenes*</b>	<b>4.07</b>	0.150	01/04/2012	ND	6.92	115	6.00	4.25		

*Surrogate: 4-Bromofluorobenzene (PIL) 156 % 64.4-134*

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/04/2012	ND	206	103	200	4.54		
<b>DRO &gt;C10-C28</b>	<b>93.6</b>	10.0	01/04/2012	ND	177	88.4	200	3.61		

*Surrogate: 1-Chlorooctane 106 % 55.5-154*
*Surrogate: 1-Chlorooctadecane 133 % 57.6-158*

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.



Caley D. Keene, Lab Director/Quality Manager

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 1 @ 1 FT (H200001-02)**

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	01/04/2012	ND	2.09	105	2.00	4.01		
Toluene*	<0.050	0.050	01/04/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	<0.050	0.050	01/04/2012	ND	2.37	118	2.00	5.01		
Total Xylenes*	<0.150	0.150	01/04/2012	ND	6.92	115	6.00	4.25		

*Surrogate: 4-Bromofluorobenzene (PII) 112 % 64.4-134*

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	01/03/2012	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/04/2012	ND	174	87.0	200	13.6		
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97		

*Surrogate: 1-Chlorooctane 106 % 55.5-154*
*Surrogate: 1-Chlorooctadecane 130 % 57.6-158*

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

**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLINLG SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 1 @ 3 FT (H200001-03)**

BTEX 8021B		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/04/2012	ND	2.09	105	2.00	4.01		
Toluene*	<0.050	0.050	01/04/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	<0.050	0.050	01/04/2012	ND	2.37	118	2.00	5.01		
Total Xylenes*	<0.150	0.150	01/04/2012	ND	6.92	115	6.00	4.25		

*Surrogate: 4-Bromofluorobenzene (PIL) 114 % 64.4-134*

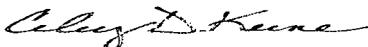
TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/04/2012	ND	174	87.0	200	13.6		
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97		

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

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\*=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: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 1 @ 5 FT (H200001-04)**

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	01/05/2012	ND	2.09	105	2.00	4.01		
<b>Toluene*</b>	<b>0.073</b>	0.050	01/05/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01		
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25		

Surrogate: 4-Bromofluorobenzene (PIL) 79.8 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/04/2012	ND	174	87.0	200	13.6		
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97		

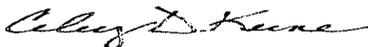
Surrogate: 1-Chlorooctane 112 % 55.5-154

Surrogate: 1-Chlorooctadecane 127 % 57.6-158

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 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 2 @ SURFACE (H200001-05)**

BTEX 8021B	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>2.57</b>	0.500	01/04/2012	ND	2.09	105	2.00	4.01	
<b>Toluene*</b>	<b>21.5</b>	0.500	01/04/2012	ND	2.06	103	2.00	3.82	
<b>Ethylbenzene*</b>	<b>20.7</b>	0.500	01/04/2012	ND	2.37	118	2.00	5.01	
<b>Total Xylenes*</b>	<b>63.5</b>	1.50	01/04/2012	ND	6.92	115	6.00	4.25	

Surrogate: 4-Bromofluorobenzene (PIL) 187 % 64.4-134

TPH 8015M	mg/kg		Analyzed By: CK					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>3330</b>	100	01/04/2012	ND	174	87.0	200	13.6	
<b>DRO &gt;C10-C28</b>	<b>12200</b>	100	01/04/2012	ND	145	72.5	200	7.97	

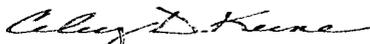
Surrogate: 1-Chlorooctane 155 % 55.5-154

Surrogate: 1-Chlorooctadecane 123 % 57.6-158

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**Analytical Results For:**

BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 2 @ 1 FT (H200001-06)**

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	01/05/2012	ND	2.09	105	2.00	4.01		
Toluene*	<0.050	0.050	01/05/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01		
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25		

Surrogate: 4-Bromofluorobenzene (PIL) 82.8 % 64.4-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	01/03/2012	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/04/2012	ND	174	87.0	200	13.6		
DRO >C10-C28	168	10.0	01/04/2012	ND	145	72.5	200	7.97		

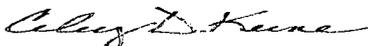
Surrogate: 1-Chlorooctane 115 % 55.5-154

Surrogate: 1-Chlorooctadecane 145 % 57.6-158

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**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 2 @ 3 FT (H200001-07)**

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	01/05/2012	ND	2.09	105	2.00	4.01		
Toluene*	<0.050	0.050	01/05/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01		
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25		

Surrogate: 4-Bromofluorobenzene (PII) 75.0 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/04/2012	ND	174	87.0	200	13.6		
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97		

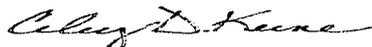
Surrogate: 1-Chlorooctane 118 % 55.5-154

Surrogate: 1-Chlorooctadecane 144 % 57.6-158

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**Analytical Results For:**

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 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

 Received: 12/30/2011  
 Reported: 01/05/2012  
 Project Name: STERLING SILVER "3" FED #6  
 Project Number: NONE GIVEN  
 Project Location: HALFWAY, NM

 Sampling Date: 12/29/2011  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

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

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	01/05/2012	ND	2.09	105	2.00	4.01	
<b>Toluene*</b>	<b>0.061</b>	0.050	01/05/2012	ND	2.06	103	2.00	3.82	
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01	
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25	

Surrogate: 4-Bromofluorobenzene (PIL) 72.6 % 64.4-134

TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	<10.0	10.0	01/04/2012	ND	174	87.0	200	13.6	
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97	

Surrogate: 1-Chlorooctane 124 % 55.5-154

Surrogate: 1-Chlorooctadecane 147 % 57.6-158

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 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 3 @ SURFACE (H200001-09)**

BTEX 8021B	mg/kg	Analyzed By: MS					S-04			
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>1.89</b>	0.500	01/04/2012	ND	2.09	105	2.00	4.01		
<b>Toluene*</b>	<b>27.9</b>	0.500	01/04/2012	ND	2.06	103	2.00	3.82		
<b>Ethylbenzene*</b>	<b>42.4</b>	0.500	01/04/2012	ND	2.37	118	2.00	5.01		
<b>Total Xylenes*</b>	<b>122</b>	1.50	01/04/2012	ND	6.92	115	6.00	4.25		

Surrogate: 4-Bromofluorobenzene (PIL) 387 % 64.4-134

TPH 8015M	mg/kg	Analyzed By: CK								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>4520</b>	100	01/04/2012	ND	174	87.0	200	13.6		
<b>DRO &gt;C10-C28</b>	<b>19500</b>	100	01/04/2012	ND	145	72.5	200	7.97		

Surrogate: 1-Chlorooctane 109 % 55.5-154

Surrogate: 1-Chlorooctadecane 135 % 57.6-158

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 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLINLG SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

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

BTEX 8021B		mg/kg		Analyzed By: MS				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>8.43</b>	0.500	01/04/2012	ND	2.09	105	2.00	4.01		
<b>Toluene*</b>	<b>56.2</b>	0.500	01/04/2012	ND	2.06	103	2.00	3.82		
<b>Ethylbenzene*</b>	<b>37.1</b>	0.500	01/04/2012	ND	2.37	118	2.00	5.01		
<b>Total Xylenes*</b>	<b>103</b>	1.50	01/04/2012	ND	6.92	115	6.00	4.25		

Surrogate: 4-Bromofluorobenzene (PII) 189 % 64.4-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/03/2012	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>6540</b>	100	01/04/2012	ND	174	87.0	200	13.6		
<b>DRO &gt;C10-C28</b>	<b>9020</b>	100	01/04/2012	ND	145	72.5	200	7.97		

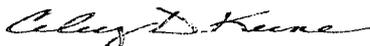
Surrogate: 1-Chlorooctane 171 % 55.5-154

Surrogate: 1-Chlorooctadecane 125 % 57.6-158

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 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

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

BTX 8021B		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/04/2012	ND	2.09	105	2.00	4.01		
Toluene*	<b>0.338</b>	0.050	01/04/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	<b>1.01</b>	0.050	01/04/2012	ND	2.37	118	2.00	5.01		
<b>Total Xylenes*</b>	<b>2.70</b>	0.150	01/04/2012	ND	6.92	115	6.00	4.25		

Surrogate: 4-Bromofluorobenzene (PIL) 189 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>120</b>	100	01/04/2012	ND	174	87.0	200	13.6		
<b>DRO &gt;C10-C28</b>	<b>829</b>	100	01/04/2012	ND	145	72.5	200	7.97		

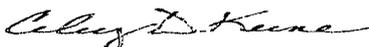
Surrogate: 1-Chlorooctane 117 % 55.5-154

Surrogate: 1-Chlorooctadecane 138 % 57.6-158

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 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 3 @ 5 FT (H200001-12)**

BTEX 8021B		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.050</b>	0.050	01/04/2012	ND	2.09	105	2.00	4.01	
<b>Toluene*</b>	<b>0.554</b>	0.050	01/04/2012	ND	2.06	103	2.00	3.82	
<b>Ethylbenzene*</b>	<b>1.28</b>	0.050	01/04/2012	ND	2.37	118	2.00	5.01	
<b>Total Xylenes*</b>	<b>2.94</b>	0.150	01/04/2012	ND	6.92	115	6.00	4.25	

*Surrogate: 4-Bromofluorobenzene (PII)*      182 %      64.4-134

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>75.3</b>	10.0	01/04/2012	ND	174	87.0	200	13.6	
<b>DRO &gt;C10-C28</b>	<b>689</b>	10.0	01/04/2012	ND	145	72.5	200	7.97	

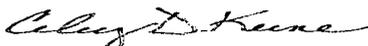
*Surrogate: 1-Chlorooctane*      105 %      55.5-154

*Surrogate: 1-Chlorooctadecane*      132 %      57.6-158

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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: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 3 @ 7 FT (H200001-13)**

BTEX 8021B		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>1.61</b>	0.500	01/04/2012	ND	2.09	105	2.00	4.01		
<b>Toluene*</b>	<b>11.8</b>	0.500	01/04/2012	ND	2.06	103	2.00	3.82		
<b>Ethylbenzene*</b>	<b>14.0</b>	0.500	01/04/2012	ND	2.37	118	2.00	5.01		
<b>Total Xylenes*</b>	<b>39.8</b>	1.50	01/04/2012	ND	6.92	115	6.00	4.25		

Surrogate: 4-Bromofluorobenzene (PIL) 166 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>2910</b>	100	01/04/2012	ND	174	87.0	200	13.6		
<b>DRO &gt;C10-C28</b>	<b>5720</b>	100	01/04/2012	ND	145	72.5	200	7.97		

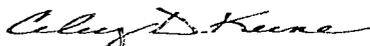
Surrogate: 1-Chlorooctane 137 % 55.5-154

Surrogate: 1-Chlorooctadecane 114 % 57.6-158

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**Analytical Results For:**

 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

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

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	01/05/2012	ND	2.09	105	2.00	4.01		
<b>Toluene*</b>	<b>0.059</b>	0.050	01/05/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01		
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25		

Surrogate: 4-Bromofluorobenzene (PIL) 74.4 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/04/2012	ND	174	87.0	200	13.6		
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	145	72.5	200	7.97		

Surrogate: 1-Chlorooctane 111 % 55.5-154

Surrogate: 1-Chlorooctadecane 132 % 57.6-158

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 BBC International, Inc.  
 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLINLG SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

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

BTEX 8021B		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>1.38</b>	0.050	01/04/2012	ND	2.09	105	2.00	4.01		
<b>Toluene*</b>	<b>14.8</b>	0.050	01/04/2012	ND	2.06	103	2.00	3.82		
<b>Ethylbenzene*</b>	<b>14.0</b>	0.050	01/04/2012	ND	2.37	118	2.00	5.01		
<b>Total Xylenes*</b>	<b>47.6</b>	0.150	01/04/2012	ND	6.92	115	6.00	4.25		

*Surrogate: 4-Bromofluorobenzene (PIL) 372 % 64.4-134*

TPH 8015M		mg/kg		Analyzed By: CK					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>4170</b>	100	01/04/2012	ND	174	87.0	200	13.6		
<b>DRO &gt;C10-C28</b>	<b>11600</b>	100	01/04/2012	ND	145	72.5	200	7.97		

*Surrogate: 1-Chlorooctane 166 % 55.5-154*
*Surrogate: 1-Chlorooctadecane 113 % 57.6-158*

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 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

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

BTEX 8021B		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	01/04/2012	ND	2.09	105	2.00	4.01		
Toluene*	<b>0.504</b>	0.050	01/04/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	<b>1.56</b>	0.050	01/04/2012	ND	2.37	118	2.00	5.01		
Total Xylenes*	<b>3.56</b>	0.150	01/04/2012	ND	6.92	115	6.00	4.25		

*Surrogate: 4-Bromofluorobenzene (PIL) 222 % 64.4-134*

Chloride, SM4500CI-B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	01/03/2012	ND	432	108	400	0.00		

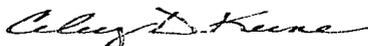
TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<100	100	01/04/2012	ND	184	92.0	200	2.27		
<b>DRO &gt;C10-C28</b>	<b>725</b>	100	01/04/2012	ND	167	83.5	200	7.98		

*Surrogate: 1-Chlorooctane 118 % 55.5-154*
*Surrogate: 1-Chlorooctadecane 139 % 57.6-158*

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 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 4 @ 3 FT (H200001-17)**

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	01/04/2012	ND	2.09	105	2.00	4.01		
Toluene*	<0.050	0.050	01/04/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	<0.050	0.050	01/04/2012	ND	2.37	118	2.00	5.01		
Total Xylenes*	<0.150	0.150	01/04/2012	ND	6.92	115	6.00	4.25		

*Surrogate: 4-Bromofluorobenzene (PIL) 103 % 64.4-134*

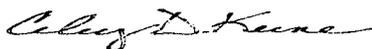
TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/04/2012	ND	184	92.0	200	2.27		
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	167	83.5	200	7.98		

*Surrogate: 1-Chlorooctane 88.2 % 55.5-154*
*Surrogate: 1-Chlorooctadecane 101 % 57.6-158*

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 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 4 @ 5 FT (H200001-18)**

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	01/05/2012	ND	2.09	105	2.00	4.01		
<b>Toluene*</b>	<b>0.148</b>	0.050	01/05/2012	ND	2.06	103	2.00	3.82		
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	2.37	118	2.00	5.01		
Total Xylenes*	<0.150	0.150	01/05/2012	ND	6.92	115	6.00	4.25		

Surrogate: 4-Bromofluorobenzene (PIL) 78.6 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/04/2012	ND	184	92.0	200	2.27		
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	167	83.5	200	7.98		

Surrogate: 1-Chlorooctane 92.0 % 55.5-154

Surrogate: 1-Chlorooctadecane 109 % 57.6-158

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 Cliff Brunson  
 P.O. Box 805  
 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLINLG SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

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

BTEX 8021B		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>1.11</b>	0.200	01/04/2012	ND	2.09	105	2.00	4.01		
<b>Toluene*</b>	<b>25.5</b>	0.200	01/04/2012	ND	2.06	103	2.00	3.82		
<b>Ethylbenzene*</b>	<b>31.7</b>	0.200	01/04/2012	ND	2.37	118	2.00	5.01		
<b>Total Xylenes*</b>	<b>101</b>	0.600	01/04/2012	ND	6.92	115	6.00	4.25		

Surrogate: 4-Bromofluorobenzene (PIL) 326 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>4900</b>	100	01/04/2012	ND	184	92.0	200	2.27		
<b>DRO &gt;C10-C28</b>	<b>13200</b>	100	01/04/2012	ND	167	83.5	200	7.98		

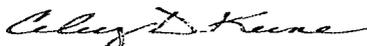
Surrogate: 1-Chlorooctane 110 % 55.5-154

Surrogate: 1-Chlorooctadecane 98.7 % 57.6-158

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 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 5 @ 1 FT (H200001-20)**

BTEX 8021B	mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>Benzene*</b>	<b>0.070</b>	0.050	01/04/2012	ND	2.09	105	2.00	4.01	
<b>Toluene*</b>	<b>1.68</b>	0.050	01/04/2012	ND	2.06	103	2.00	3.82	
<b>Ethylbenzene*</b>	<b>3.71</b>	0.050	01/04/2012	ND	2.37	118	2.00	5.01	
<b>Total Xylenes*</b>	<b>10.7</b>	0.150	01/04/2012	ND	6.92	115	6.00	4.25	

Surrogate: 4-Bromofluorobenzene (PIL) 185 % 64.4-134

Chloride, SM4500CI-B	mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	01/03/2012	ND	432	108	400	0.00	

TPH 8015M	mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
<b>GRO C6-C10</b>	<b>623</b>	100	01/04/2012	ND	184	92.0	200	2.27	
<b>DRO &gt;C10-C28</b>	<b>2030</b>	100	01/04/2012	ND	167	83.5	200	7.98	

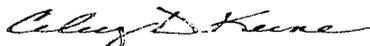
Surrogate: 1-Chlorooctane 91.9 % 55.5-154

Surrogate: 1-Chlorooctadecane 129 % 57.6-158

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 Hobbs NM, 88241  
 Fax To: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 5 @ 3 FT (H200001-21)**

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	01/05/2012	ND	2.05	102	2.00	1.96		
Toluene*	<0.050	0.050	01/05/2012	ND	1.85	92.6	2.00	1.33		
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	1.91	95.3	2.00	1.57		
Total Xylenes*	<0.150	0.150	01/05/2012	ND	5.35	89.2	6.00	1.17		

Surrogate: 4-Bromofluorobenzene (PIL) 73.3 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/04/2012	ND	184	92.0	200	2.27		
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	167	83.5	200	7.98		

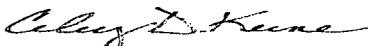
Surrogate: 1-Chlorooctane 113 % 55.5-154

Surrogate: 1-Chlorooctadecane 129 % 57.6-158

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\*=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: (505) 397-0397

Received:	12/30/2011	Sampling Date:	12/29/2011
Reported:	01/05/2012	Sampling Type:	Soil
Project Name:	STERLING SILVER "3" FED #6	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	HALFWAY, NM		

**Sample ID: SP 5 @ 5 FT (H200001-22)**

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	01/05/2012	ND	2.05	102	2.00	1.96		
Toluene*	<0.050	0.050	01/05/2012	ND	1.85	92.6	2.00	1.33		
Ethylbenzene*	<0.050	0.050	01/05/2012	ND	1.91	95.3	2.00	1.57		
Total Xylenes*	<0.150	0.150	01/05/2012	ND	5.35	89.2	6.00	1.17		

Surrogate: 4-Bromofluorobenzene (PIL) 69.6 % 64.4-134

TPH 8015M		mg/kg		Analyzed By: CK						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	01/04/2012	ND	184	92.0	200	2.27		
DRO >C10-C28	<10.0	10.0	01/04/2012	ND	167	83.5	200	7.98		

Surrogate: 1-Chlorooctane 90.7 % 55.5-154

Surrogate: 1-Chlorooctadecane 105 % 57.6-158

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

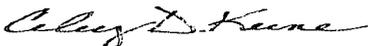
- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND             Analyte NOT DETECTED at or above the reporting limit
- RPD            Relative Percent Difference
- \*\*             Samples not received at proper temperature of 6°C or below.
- \*\*\*            Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Celey D. Keene, Lab Director/Quality Manager







March 14, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: STERLING SILVER 3 6 BATTERY

Enclosed are the results of analyses for samples received by the laboratory on 03/11/13 8:06.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-11-3. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (\*). For a complete list of accredited analytes and matrices visit the TCEQ website at [www.tceq.texas.gov/field/qa/lab\\_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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0		
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6		
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8		
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5		
Total BTEX	<0.300	0.300	03/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 112 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85		
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9		

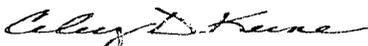
Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 108 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Caley 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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0		
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6		
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8		
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5		
Total BTEX	<0.300	0.300	03/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 116 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85		
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9		

Surrogate: 1-Chlorooctane 79.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 97.4 % 63.6-154

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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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0		
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6		
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8		
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5		
Total BTEX	<0.300	0.300	03/13/2013	ND						

*Surrogate: 4-Bromofluorobenzene (PIC) 113 % 89.4-126*

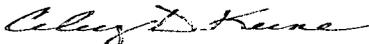
TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85		
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9		

*Surrogate: 1-Chlorooctane 83.6 % 65.2-140*
*Surrogate: 1-Chlorooctadecane 104 % 63.6-154*

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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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0		
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6		
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8		
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5		
Total BTEX	<0.300	0.300	03/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85		
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9		

Surrogate: 1-Chlorooctane 68.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 85.4 % 63.6-154

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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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

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

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0		
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6		
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8		
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5		
Total BTEX	<0.300	0.300	03/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 89.4-126

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	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85			
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9			

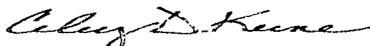
Surrogate: 1-Chlorooctane 64.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 80.0 % 63.6-154

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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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SW 1 (H300603-06)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0		
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6		
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8		
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5		
Total BTEX	<0.300	0.300	03/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 89.4-126

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	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85			
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9			

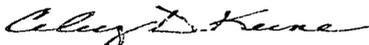
Surrogate: 1-Chlorooctane 61.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 74.2 % 63.6-154

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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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SW 2 (H300603-07)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0		
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6		
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8		
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5		
Total BTEX	<0.300	0.300	03/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85		
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9		

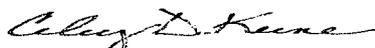
Surrogate: 1-Chlorooctane 73.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 89.3 % 63.6-154

Cardinal Laboratories

\*=Accredited Analyte

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Caley 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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SW 3 (H300603-08)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0		
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6		
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8		
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5		
Total BTEX	<0.300	0.300	03/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 113 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85		
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9		

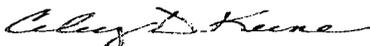
Surrogate: 1-Chlorooctane 91.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 99.6 % 63.6-154

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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SW 4 (H300603-09)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0		
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6		
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8		
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5		
Total BTEX	<0.300	0.300	03/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 114 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85		
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9		

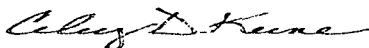
Surrogate: 1-Chlorooctane 88.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

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\* = Accredited Analyte

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Caley 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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SW 5 (H300603-10)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/13/2013	ND	2.58	129	2.00	21.0		
Toluene*	<0.050	0.050	03/13/2013	ND	2.55	128	2.00	25.6		
Ethylbenzene*	<0.050	0.050	03/13/2013	ND	2.45	122	2.00	26.8		
Total Xylenes*	<0.150	0.150	03/13/2013	ND	7.65	128	6.00	28.5		
Total BTEX	<0.300	0.300	03/13/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85		
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9		

Surrogate: 1-Chlorooctane 94.0 % 65.2-140

Surrogate: 1-Chlorooctadecane 102 % 63.6-154

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\*=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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SW 6 (H300603-11)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/14/2013	ND	2.24	112	2.00	3.79		
Toluene*	<0.050	0.050	03/14/2013	ND	2.16	108	2.00	3.51		
Ethylbenzene*	<0.050	0.050	03/14/2013	ND	2.06	103	2.00	3.28		
Total Xylenes*	<0.150	0.150	03/14/2013	ND	6.28	105	6.00	3.46		
Total BTEX	<0.300	0.300	03/14/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 114 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85		
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9		

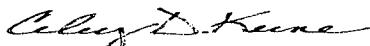
Surrogate: 1-Chlorooctane 93.6 % 65.2-140

Surrogate: 1-Chlorooctadecane 110 % 63.6-154

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\*=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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SW 7 (H300603-12)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/14/2013	ND	2.24	112	2.00	3.79		
Toluene*	<0.050	0.050	03/14/2013	ND	2.16	108	2.00	3.51		
Ethylbenzene*	<0.050	0.050	03/14/2013	ND	2.06	103	2.00	3.28		
Total Xylenes*	<0.150	0.150	03/14/2013	ND	6.28	105	6.00	3.46		
Total BTEX	<0.300	0.300	03/14/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 113 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85		
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9		

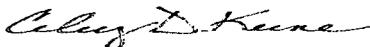
Surrogate: 1-Chlorooctane 92.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

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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:	03/11/2013	Sampling Date:	03/08/2013
Reported:	03/14/2013	Sampling Type:	Soil
Project Name:	STERLING SILVER 3 6 BATTERY	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SW 8 (H300603-13)**

BTEX 8021B		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	03/14/2013	ND	2.24	112	2.00	3.79		
Toluene*	<0.050	0.050	03/14/2013	ND	2.16	108	2.00	3.51		
Ethylbenzene*	<0.050	0.050	03/14/2013	ND	2.06	103	2.00	3.28		
Total Xylenes*	<0.150	0.150	03/14/2013	ND	6.28	105	6.00	3.46		
Total BTEX	<0.300	0.300	03/14/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 113 % 89.4-126

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<10.0	10.0	03/12/2013	ND	193	96.5	200	7.85		
DRO >C10-C28	<10.0	10.0	03/12/2013	ND	196	98.0	200	12.9		

Surrogate: 1-Chlorooctane 91.5 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

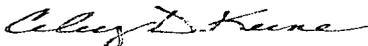
- S-04            The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND             Analyte NOT DETECTED at or above the reporting limit
- RPD            Relative Percent Difference
- \*\*              Samples not received at proper temperature of 6°C or below.
- \*\*\*             Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C  
Samples reported on an as received basis (wet) unless otherwise noted on report

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Cardinal Laboratories

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Celey D. Keene, Lab Director/Quality Manager





2 of 2

**CHAIN-OF-CUSTODY AND ANALYSIS REQUEST**

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

Company Name:		<b>BILL TO</b>				<b>ANALYSIS REQUEST</b>																			
Project Manager:		P.O. #:																							
Address:		Company:																							
City:	State: <u>NM</u> Zip: <u>88240</u>	Attn:																							
Phone #:	Fax #:	Address: <u>SAME</u>																							
Project #:	Project Owner: <u>OKY</u>	City:																							
Project Name: <u>STERLING SILVER 36 BxH</u>		State: Zip:																							
Project Location:		Phone #:																							
Sampler Name:		Fax #:																							
FOR LAB USE ONLY																									
Lab I.D.	Sample I.D.	(GRAB OR (COMP. # CONTAINERS	MATRIX													PRESERV.			SAMPLING		DATE	TIME	TPH	BTEX	
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER														
11	SW 6	GI			✓				✓			3-8-13	1110	✓	✓										
12	SW 7	GI			✓				✓			3-8-13	1115	✓	✓										
13	SW 8	GI			✓				✓			3-8-13	1120	✓	✓										

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Relinquished By: <u>[Signature]</u>	Date: <u>3-11-13</u>	Received By: <u>Jodi Henson</u>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
	Time: <u>8:06</u>		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:
Relinquished By:	Date:	Received By:	REMARKS:	
	Time:			
Delivered By: (Circle One)	Sample Condition	CHECKED BY: <u>[Signature]</u>		
Sampler - UPS - Bus - Other:	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			

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

#24

## Kathy Purvis

---

**From:** Bratcher, Mike, EMNRD <mike.bratcher@state.nm.us>  
**Sent:** Thursday, November 15, 2012 10:27 AM  
**To:** Cliff P. Brunson  
**Cc:** C J Summers; Ken Swinney; Kathy Purvis; Jennifer Gilkey  
**Subject:** RE: Oxy-Sterling Silver 3 Federal #6

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

Cliff,

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

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

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

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

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

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

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

---

**From:** Cliff P. Brunson [<mailto:cbrunson@bbcinternational.com>]  
**Sent:** Tuesday, September 11, 2012 7:21 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** C J Summers; Ken Swinney; Kathy Purvis; Jennifer Gilkey  
**Subject:** Oxy-Sterling Silver 3 Federal #6

Mike,

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

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

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

Thanks, Cliff

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

\*\*\*\*\*  
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\*\*\*\*\*

## Kathy Purvis

---

**From:** Amos, James <jamos@blm.gov>  
**Sent:** Monday, December 17, 2012 9:28 AM  
**To:** Cliff P. Brunson  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** Re: Oxy Sterling Silver 3 Federal #6 - remediation plan

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

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

Thanks,

J. Amos

On Sun, Dec 16, 2012 at 6:16 PM, Cliff P. Brunson <[cbrunson@bbcinternational.com](mailto:cbrunson@bbcinternational.com)> wrote:  
Jim,

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

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

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

Thank you,

Cliff

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

Fax: (575) 397-0397

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