

**Bratcher, Mike, EMNRD**

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**From:** Cliff P. Brunson <cbrunson@bbcinternational.com>  
**Sent:** Saturday, September 21, 2013 4:10 PM  
**To:** Bratcher, Mike, EMNRD  
**Cc:** C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis  
**Subject:** OXY-Pure Gold A Federal #2 Battery-Remediation Plan  
**Attachments:** Remediation Packet- Pure Gold A Fed #2, both leaks.pdf

Mike,

This e-mail is to confirm our conversation the other day about the remediation plan for the above referenced site. I have attached the materials that we used in our discussion. As you may recall, there was two leaks that occurred at this site within weeks of each other. This remediation plan will address both leaks. As discussed, Oxy will excavate the entire leak area inside the battery firewall to a depth of 2 feet and then backfill the site with the appropriate type of clean soil.

If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

Thanks, Cliff

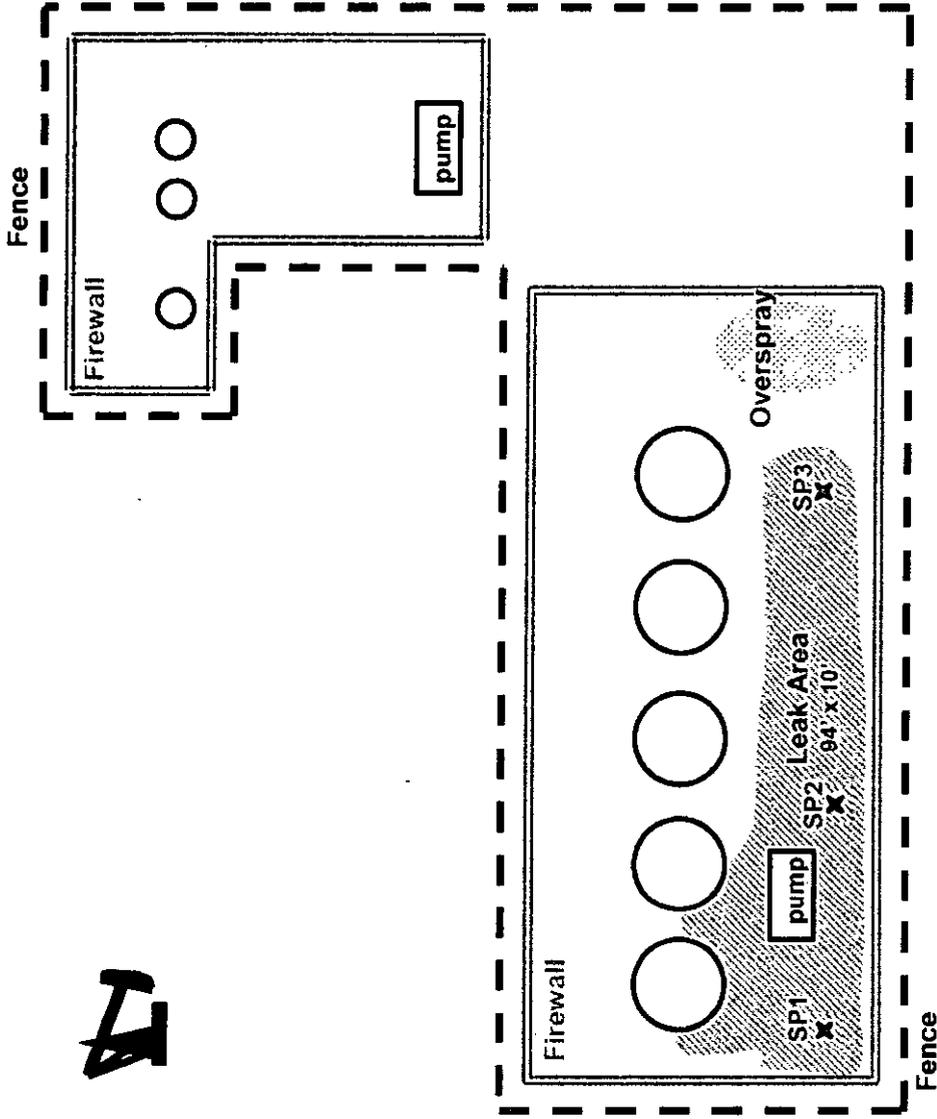
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BBC International, Inc.  
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Oxy

Pure Gold A Federal #2 Battery



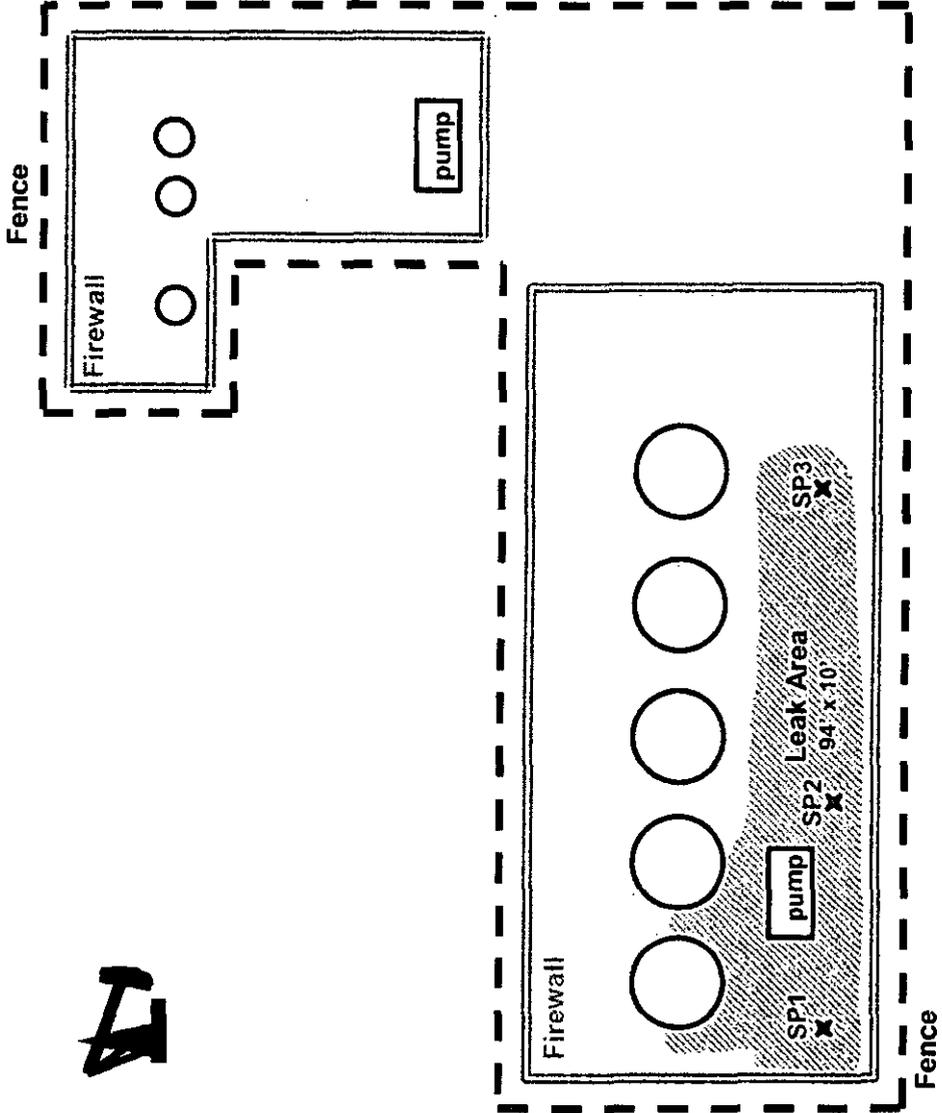
BBC International, Inc.	
<b>Oxy</b>	
<b>Pure Gold A Federal #2 Battery</b>	
Date: 02/13/2013	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013

U/L M, Section 21, T23S, R31E  
660' FSL and 330' FWL  
Eddy County, NM  
N 32.28436° W 103.79001°  
API# 30-015-27243



Oxy

Pure Gold A Federal #2 Battery



BBC International, Inc.	
Oxy	
Pure Gold A Federal #2 Battery	
Date: 03/27/2013	DRWG by: K. Purvis
NOT TO SCALE	File: Oxy 2013

U/L M, Section 21, T23S, R31E  
660' FSL and 330' FWL  
Eddy County, NM  
N 32.28436° W 103.79001°  
API# 30-015-27243

Laboratory Analytical Results Summary  
Pure Gold A Federal #2

Analyte	Method	Sample Date	SP1 @ SURFACE	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 4'
			2/28/13	2/28/13	2/28/13	2/28/13	2/28/13
Benzene	BTEX 8021B		3.46	n/a	<0.050	n/a	n/a
Toluene	BTEX 8021B		16.9	n/a	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		16.7	n/a	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		51.9	n/a	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		89	n/a	<0.300	n/a	n/a
Chloride	SM4500Cl-B		816	7040	336	80	144
GRO	TPH 8015M		3600	n/a	<10.0	n/a	n/a
DRO	TPH 8015M		25400	n/a	18.6	n/a	n/a

Analyte	Method	Sample Date	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 4'
			2/28/13	2/28/13	2/28/13	2/28/13	2/28/13
Benzene	BTEX 8021B		3.05	n/a	<0.050	n/a	n/a
Toluene	BTEX 8021B		16.1	n/a	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		16.6	n/a	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		46	n/a	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		81.7	n/a	<0.300	n/a	n/a
Chloride	SM4500Cl-B		1280	6480	400	80	144
GRO	TPH 8015M		3120	n/a	<10.0	n/a	n/a
DRO	TPH 8015M		22700	n/a	18.3	n/a	n/a

Analyte	Method	Sample Date	SP3 @ SURFACE	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
			2/28/13	2/28/13	2/28/13	2/28/13	2/28/13
Benzene	BTEX 8021B		2.78	n/a	<0.050	n/a	n/a
Toluene	BTEX 8021B		12.8	n/a	<0.050	n/a	n/a
Ethylbenzene	BTEX 8021B		12.8	n/a	<0.050	n/a	n/a
Total Xylenes	BTEX 8021B		34.3	n/a	<0.150	n/a	n/a
Total BTEX	BTEX 8021B		62.7	n/a	<0.300	n/a	n/a
Chloride	SM4500Cl-B		864	7120	416	96	144
GRO	TPH 8015M		3620	n/a	<10.0	n/a	n/a
DRO	TPH 8015M		26300	n/a	26.4	n/a	n/a

Laboratory Analytical Results Summary  
Pure Gold A Federal #2

Analyte	Sample	SP1 @ 1'	SP1 @ 2'	SP1 @ 3'	SP1 @ 5'	SP1 @ 7'	SP1 @ 9'
Method	Date	3/27/13	3/27/13	3/27/13	3/27/13	3/28/13	3/28/13
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B	2.97	<0.050	<0.050	0.177	<0.050	<0.050
Toluene	BTEX 8021B	13.6	0.106	0.066	1.95	<0.050	<0.050
Ethylbenzene	BTEX 8021B	14.5	0.122	0.395	4.6	0.204	<0.050
Total Xylenes	BTEX 8021B	41.3	0.35	0.896	11.8	0.492	<0.150
Total BTEX	BTEX 8021B	72.3	0.578	1.36	18.6	0.696	<0.300
Chloride	SM4500C1-B	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M	4710	<10.0	80.5	751	<50.0	<10.0
DRO	TPH 8015M	12000	26.6	1140	4760	892	101

Analyte	Sample	SP2 @ 1'	SP2 @ 2'	SP2 @ 3'	SP2 @ 5'	SP2 @ 7'	SP2 @ 9'
Method	Date	3/27/13	3/27/13	3/27/13	3/27/13	3/28/13	3/28/13
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B	2.21	<0.050	<0.050	0.452	<0.050	<0.050
Toluene	BTEX 8021B	15.1	0.117	0.404	1.82	<0.050	<0.050
Ethylbenzene	BTEX 8021B	19.4	0.144	1.09	3.72	0.062	<0.050
Total Xylenes	BTEX 8021B	53.9	0.406	2.67	9.07	0.177	<0.150
Total BTEX	BTEX 8021B	90.6	0.667	4.16	15.1	<0.300	<0.300
Chloride	SM4500C1-B	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M	3910	<10.0	337	583	<50.0	<10.0
DRO	TPH 8015M	11300	268	2300	3960	530	101

Analyte	Sample	SP3 @ 1'	SP3 @ 2'	SP3 @ 3'	SP3 @ 5'	SP3 @ 7'	SP3 @ 9'
Method	Date	3/27/13	3/27/13	3/27/13	3/27/13	3/28/13	3/28/13
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B	3.82	<0.050	<0.050	0.104	<0.050	<0.050
Toluene	BTEX 8021B	16.4	0.184	0.054	1.1	<0.050	<0.050
Ethylbenzene	BTEX 8021B	19.1	0.194	0.159	2.71	0.068	<0.050
Total Xylenes	BTEX 8021B	51.1	0.528	0.434	6.07	0.169	<0.150
Total BTEX	BTEX 8021B	90.4	0.905	0.647	9.98	<0.300	<0.300
Chloride	SM4500C1-B	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M	4210	<10.0	70.7	329	<10.0	<10.0
DRO	TPH 8015M	11600	266	869	2460	462	71.1



# Groundwater Plot

## Oxy Pure Gold A Federal #2

County  
Eddy

Unit Letter  
M

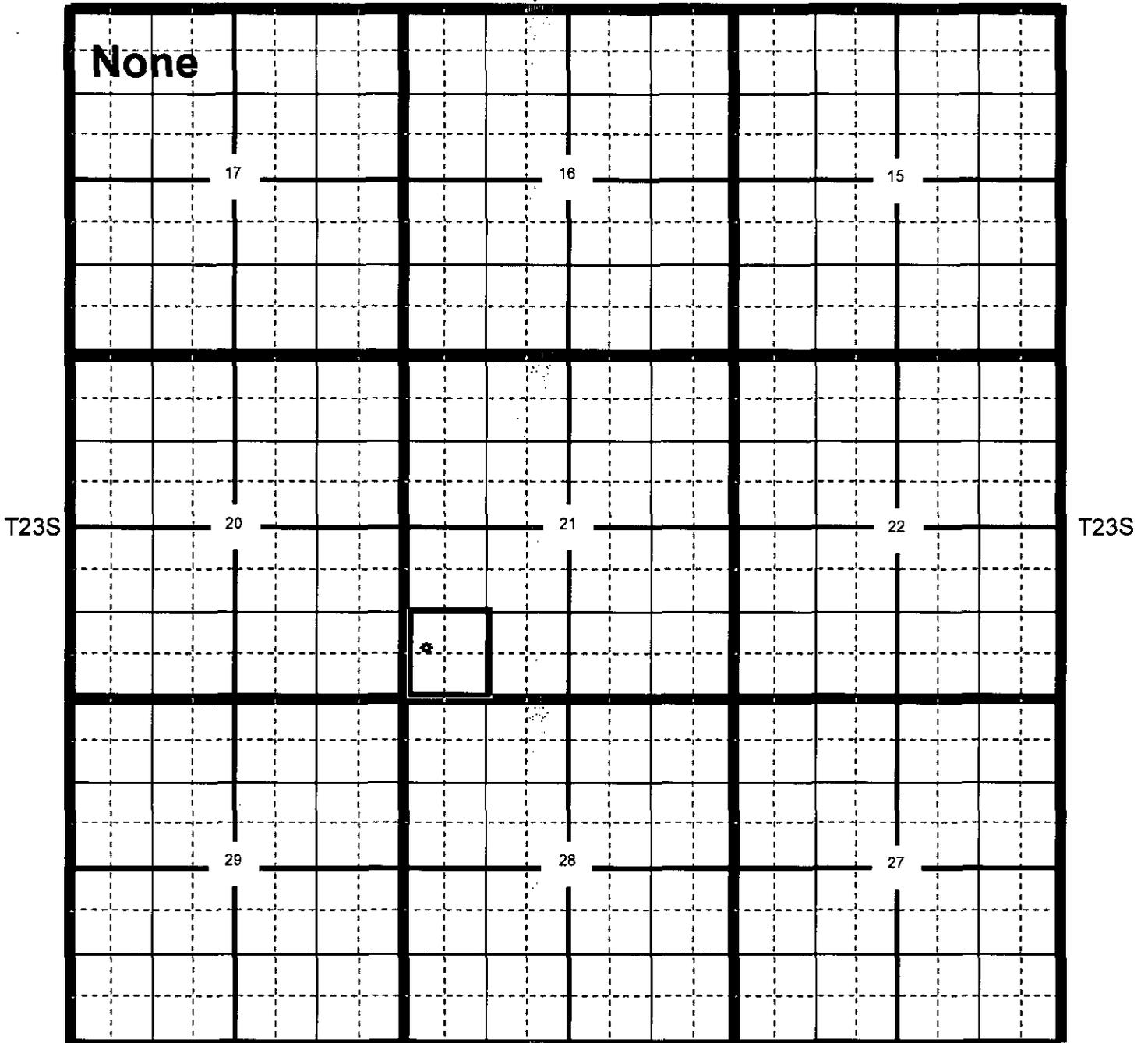
Section  
21

Township  
23S

Range  
31E

Trend Map 150'

R31E



★ Location

● OCD

● USGS

○ SEO

● All Databases



Section Quarters

Oxy Pure Gold A Federal #2 Battery

<b>County</b>	<b>Unit Letter</b>	<b>Section</b>	<b>Township</b>	<b>Range</b>
Eddy	M	21	23S	31E

Trend Map 150'

1

2

NW/NW <b>None</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

- \* Location
- OCD
- USGS
- SEO
- All Databases

March 07, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PURE GOLD A FED #2

Enclosed are the results of analyses for samples received by the laboratory on 02/27/13 9:15.

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).

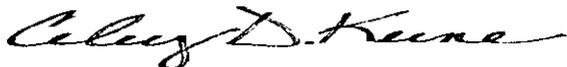
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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: 02/27/2013  
 Reported: 03/07/2013  
 Project Name: PURE GOLD A FED #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 02/26/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 1 @ SURFACE (H300512-01)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>3.46</b>	0.200	03/04/2013	ND	1.98	98.9	2.00	2.34		
<b>Toluene*</b>	<b>16.9</b>	0.200	03/04/2013	ND	2.10	105	2.00	1.71		
<b>Ethylbenzene*</b>	<b>16.7</b>	0.200	03/04/2013	ND	2.11	106	2.00	1.41		
<b>Total Xylenes*</b>	<b>51.9</b>	0.600	03/04/2013	ND	6.39	106	6.00	1.43		
<b>Total BTEX</b>	<b>89.0</b>	1.20	03/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIL) 339 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>816</b>	16.0	03/04/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>3600</b>	100	03/01/2013	ND	227	114	200	15.8		
<b>DRO &gt;C10-C28</b>	<b>25400</b>	100	03/01/2013	ND	224	112	200	18.0		

Surrogate: 1-Chlorooctane 295 % 65.2-140

Surrogate: 1-Chlorooctadecane 802 % 63.6-154

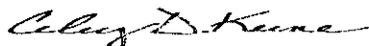
**Sample ID: SP 1 @ 1' (H300512-02)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>7040</b>	16.0	03/04/2013	ND	416	104	400	0.00		

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:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 4' (H300512-05)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/04/2013	ND	416	104	400	0.00		

**Sample ID: SP 2 @ SURFACE (H300512-06)**

BTEX 8021B		mg/kg		Analyzed By: AP							S-04
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
Benzene*	3.05	0.200	03/04/2013	ND	1.98	98.9	2.00	2.34			
Toluene*	16.1	0.200	03/04/2013	ND	2.10	105	2.00	1.71			
Ethylbenzene*	16.6	0.200	03/04/2013	ND	2.11	106	2.00	1.41			
Total Xylenes*	46.0	0.600	03/04/2013	ND	6.39	106	6.00	1.43			
Total BTEX	81.7	1.20	03/04/2013	ND							

Surrogate: 4-Bromofluorobenzene (PID) 371 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	1280	16.0	03/04/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS							S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier		
GRO C6-C10	3120	100	03/01/2013	ND	227	114	200	15.8			
DRO >C10-C28	22700	100	03/01/2013	ND	224	112	200	18.0			

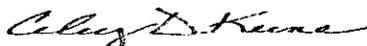
Surrogate: 1-Chlorooctane 281 % 65.2-140

Surrogate: 1-Chlorooctadecane 757 % 63.6-154

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Celest 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:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 1' (H300512-07)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	6480	16.0	03/04/2013	ND	416	104	400	0.00		

**Sample ID: SP 2 @ 2' (H300512-08)**

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	03/04/2013	ND	1.98	98.9	2.00	2.34		
Toluene*	<0.050	0.050	03/04/2013	ND	2.10	105	2.00	1.71		
Ethylbenzene*	<0.050	0.050	03/04/2013	ND	2.11	106	2.00	1.41		
Total Xylenes*	<0.150	0.150	03/04/2013	ND	6.39	106	6.00	1.43		
Total BTEX	<0.300	0.300	03/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 124 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	400	16.0	03/04/2013	ND	416	104	400	0.00		

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	03/01/2013	ND	227	114	200	15.8		
DRO >C10-C28	18.3	10.0	03/01/2013	ND	224	112	200	18.0		

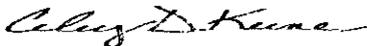
Surrogate: 1-Chlorooctane 100 % 65.2-140

Surrogate: 1-Chlorooctadecane 108 % 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:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 3' (H300512-09)**

Chloride, SM4500Cl-B	mg/kg	Analyzed By: DW								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	03/04/2013	ND	416	104	400	0.00		

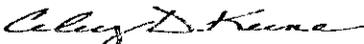
**Sample ID: SP 2 @ 4' (H300512-10)**

Chloride, SM4500Cl-B	mg/kg	Analyzed By: DW								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/04/2013	ND	416	104	400	0.00		

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Celey D. Keene, Lab Director/Quality Manager

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

Received:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ SURFACE (H300512-11)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>2.78</b>	0.100	03/07/2013	ND	1.80	90.2	2.00	2.29		
<b>Toluene*</b>	<b>12.8</b>	0.100	03/07/2013	ND	1.91	95.3	2.00	2.42		
<b>Ethylbenzene*</b>	<b>12.8</b>	0.100	03/07/2013	ND	1.90	95.2	2.00	2.95		
<b>Total Xylenes*</b>	<b>34.3</b>	0.300	03/07/2013	ND	5.87	97.8	6.00	2.95		
<b>Total BTEX</b>	<b>62.7</b>	0.600	03/07/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 504 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>864</b>	16.0	03/04/2013	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>3620</b>	100	03/01/2013	ND	227	114	200	15.8		
<b>DRO &gt;C10-C28</b>	<b>26300</b>	100	03/01/2013	ND	224	112	200	18.0		

Surrogate: 1-Chlorooctane 289 % 65.2-140

Surrogate: 1-Chlorooctadecane 898 % 63.6-154

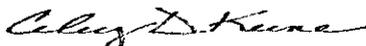
**Sample ID: SP 3 @ 1' (H300512-12)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Chloride</b>	<b>7120</b>	16.0	03/04/2013	ND	416	104	400	0.00		

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:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 2' (H300512-13)**

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	03/06/2013	ND	1.80	90.2	2.00	2.29		
Toluene*	<0.050	0.050	03/06/2013	ND	1.91	95.3	2.00	2.42		
Ethylbenzene*	<0.050	0.050	03/06/2013	ND	1.90	95.2	2.00	2.95		
Total Xylenes*	<0.150	0.150	03/06/2013	ND	5.87	97.8	6.00	2.95		
Total BTEX	<0.300	0.300	03/06/2013	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	416	16.0	03/04/2013	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	03/01/2013	ND	227	114	200	15.8		
DRO >C10-C28	26.4	10.0	03/01/2013	ND	224	112	200	18.0		

Surrogate: 1-Chlorooctane 97.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 105 % 63.6-154

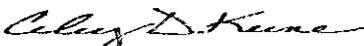
**Sample ID: SP 3 @ 3' (H300512-14)**

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	03/04/2013	ND	416	104	400	3.77		

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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:	02/27/2013	Sampling Date:	02/26/2013
Reported:	03/07/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

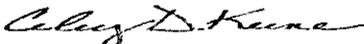
**Sample ID: SP 3 @ 4' (H300512-15)**

Chloride, SM4500Cl-B	mg/kg	Analyzed By: DW								
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	144	16.0	03/04/2013	ND	416	104	400	3.77		

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\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

**Notes and Definitions**

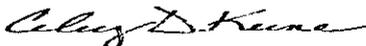
- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- ND Analyte NOT DETECTED 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

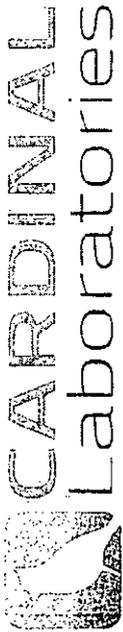
\*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

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

1 of 2

<b>Company Name:</b> BTR Environmental <b>Project Manager:</b> Jeff Bump <b>Address:</b> 1324 W. Marland <b>City:</b> Hobbs <b>State:</b> NM <b>Zip:</b> 88240 <b>Phone #:</b> 393-2326 <b>Fax #:</b> 393-2476 <b>Project #:</b> <b>Project Name:</b> Duke Gold A Feed # 2 <b>Project Location:</b> <b>Sampler Name:</b> Ryan B		<b>BILL TO</b> <b>P.O. #:</b> <b>Company:</b> <b>Attn:</b> <b>Address:</b> Same <b>City:</b> <b>State:</b> <b>Zip:</b> <b>Phone #:</b> <b>Fax #:</b>		<b>ANALYSIS REQUEST</b>									
Lab I.D.	Sample I.D.	MATRIX	CONTAINERS	GROUNDWATER	SLUDGE	OTHER	ACID/BASE	ICE/COOL	OTHER	PRESERV	SAMPLING	DATE	TIME
132051A	SP1E Surface	SOIL	(G)RAB OR (C)OMP	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	10:55
2	2	SOIL	(G)RAB OR (C)OMP	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	10:40
3	3	SOIL	(G)RAB OR (C)OMP	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	10:59
4	4	SOIL	(G)RAB OR (C)OMP	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	11:15
5	5	SOIL	(G)RAB OR (C)OMP	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	11:35
6	6	SP 2 - Surface	(G)RAB OR (C)OMP	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	12:00
7	7	7	(G)RAB OR (C)OMP	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	12:19
8	8	8	(G)RAB OR (C)OMP	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	12:48
9	9	9	(G)RAB OR (C)OMP	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	1:08
10	10	10	(G)RAB OR (C)OMP	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	1:27

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Relinquished By: Ryan Bump Date: 2-26-13 Time: 9:05  
 Received By: Abbi Anderson Date: 2-26-13 Time: 1:08

Relinquished By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Received By: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Delivered By: (Circle One)  
 Sampler - UPS - Bus - Other

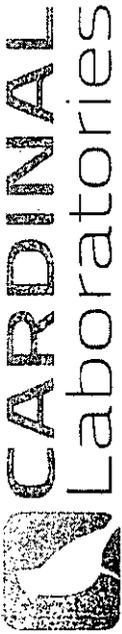
Sample Condition:  
 Cool  Intact   
 Yes  No  Yes  No

4/2

REMARKS:

Phone Result:  Yes  No  No  No  No  
 Fax Result:  Yes  No  No  No  No

Address Phone #: \_\_\_\_\_  
 Address Fax #: \_\_\_\_\_



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

242

Company Name: <u>BEC Industrial</u>		P.O. #:		BILL TO		ANALYSIS REQUEST	
Project Manager:		Company:					
Address:		Attn:					
City:		Address:					
State:		City:					
Zip:		State:					
Phone #:		Phone #:					
Fax #:		Fax #:					
Project #:		Project Owner:					
Project Name:		Project Location:					
Sampler Name:		Sampler Name:					

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	MATRIX				PRESERV.	SAMPLING	DATE	TIME	OTHER:
			GROUNDWATER	WASTEWATER	SOIL	OIL					
11	SP 30 Surface	01						2-26-13	2:05		
12	01	01						2-26-13	7:15		
13	02	01						2-26-13	2:31		
14	03	01						2-26-13	2:47		
15	04	01						2-26-13	3:09		

T.H.      O.C.      B.T.F.X.

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Relinquished By: [Signature] Date: 2-27-13 Time: 9:15

Received By: [Signature] Date: 2-27-13 Time: 9:15

Relinquished By: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: [Signature] Date: \_\_\_\_\_ Time: \_\_\_\_\_

Delivered By: (Circle One) 42

Sampler - UPS - Bus - Other: 42

Sample Condition: Cool  Intact  Yes  No

Checked By: [Signature]

Phone Result:  Yes  No  Add'l Phone #: \_\_\_\_\_  
 Fax Result:  Yes  No  Add'l Fax #: \_\_\_\_\_

REMARKS:

April 08, 2013

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PURE GOLD A FED #2

Enclosed are the results of analyses for samples received by the laboratory on 04/02/13 8:07.

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).

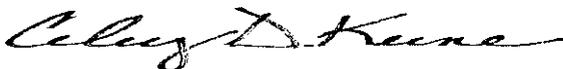
Cardinal Laboratories is accredited through the State of Colorado Department of Public Health and Environment for:

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: 04/02/2013  
 Reported: 04/08/2013  
 Project Name: PURE GOLD A FED #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 03/27/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 1 @ 1' (H300772-01)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>2.97</b>	0.500	04/08/2013	ND	2.02	101	2.00	0.606		
<b>Toluene*</b>	<b>13.6</b>	0.500	04/08/2013	ND	2.23	112	2.00	0.756		
<b>Ethylbenzene*</b>	<b>14.5</b>	0.500	04/08/2013	ND	2.32	116	2.00	0.556		
<b>Total Xylenes*</b>	<b>41.3</b>	1.50	04/08/2013	ND	6.90	115	6.00	0.229		
<b>Total BTEX</b>	<b>72.3</b>	3.00	04/08/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 184 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>4710</b>	50.0	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>12000</b>	50.0	04/02/2013	ND	198	99.2	200	7.84		

Surrogate: 1-Chlorooctane 277 % 65.2-140

Surrogate: 1-Chlorooctadecane 352 % 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:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 2' (H300772-02)**

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	04/04/2013	ND	2.02	101	2.00	0.606		
Toluene*	0.106	0.050	04/04/2013	ND	2.23	112	2.00	0.756		
Ethylbenzene*	0.122	0.050	04/04/2013	ND	2.32	116	2.00	0.556		
<b>Total Xylenes*</b>	<b>0.350</b>	0.150	04/04/2013	ND	6.90	115	6.00	0.229		
<b>Total BTEX</b>	<b>0.578</b>	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

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	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>26.6</b>	10.0	04/02/2013	ND	198	99.2	200	7.84		

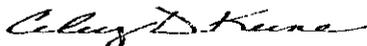
Surrogate: 1-Chlorooctane 86.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 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:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 3' (H300772-03)**

BTEX 80218		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606		
Toluene*	<b>0.066</b>	0.050	04/04/2013	ND	2.23	112	2.00	0.756		
Ethylbenzene*	<b>0.395</b>	0.050	04/04/2013	ND	2.32	116	2.00	0.556		
<b>Total Xylenes*</b>	<b>0.896</b>	0.150	04/04/2013	ND	6.90	115	6.00	0.229		
<b>Total BTEX</b>	<b>1.36</b>	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 191 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

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>80.5</b>	50.0	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>1140</b>	50.0	04/02/2013	ND	198	99.2	200	7.84		

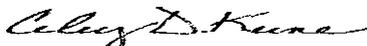
Surrogate: 1-Chlorooctane 91.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 134 % 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: 04/02/2013  
 Reported: 04/08/2013  
 Project Name: PURE GOLD A FED #2  
 Project Number: NONE GIVEN  
 Project Location: NOT GIVEN

 Sampling Date: 03/27/2013  
 Sampling Type: Soil  
 Sampling Condition: Cool & Intact  
 Sample Received By: Jodi Henson

**Sample ID: SP 1 @ 5' (H300772-04)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>0.177</b>	0.050	04/04/2013	ND	2.02	101	2.00	0.606		
<b>Toluene*</b>	<b>1.95</b>	0.050	04/04/2013	ND	2.23	112	2.00	0.756		
<b>Ethylbenzene*</b>	<b>4.60</b>	0.050	04/04/2013	ND	2.32	116	2.00	0.556		
<b>Total Xylenes*</b>	<b>11.8</b>	0.150	04/04/2013	ND	6.90	115	6.00	0.229		
<b>Total BTEX</b>	<b>18.6</b>	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 527 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>751</b>	50.0	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>4760</b>	50.0	04/02/2013	ND	198	99.2	200	7.84		

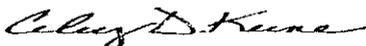
Surrogate: 1-Chlorooctane 150 % 65.2-140

Surrogate: 1-Chlorooctadecane 194 % 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:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 7' (H300772-05)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606		
Toluene*	<0.050	0.050	04/04/2013	ND	2.23	112	2.00	0.756		
Ethylbenzene*	<b>0.204</b>	0.050	04/04/2013	ND	2.32	116	2.00	0.556		
<b>Total Xylenes*</b>	<b>0.492</b>	0.150	04/04/2013	ND	6.90	115	6.00	0.229		
<b>Total BTEX</b>	<b>0.696</b>	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 159 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>892</b>	50.0	04/02/2013	ND	198	99.2	200	7.84		

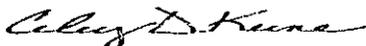
Surrogate: 1-Chlorooctane 82.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 123 % 63.6-154

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\* = Accredited Analyte

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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:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 1 @ 9' (H300772-06)**

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	04/04/2013	ND	2.02	101	2.00	0.606		
Toluene*	<0.050	0.050	04/04/2013	ND	2.23	112	2.00	0.756		
Ethylbenzene*	<0.050	0.050	04/04/2013	ND	2.32	116	2.00	0.556		
Total Xylenes*	<0.150	0.150	04/04/2013	ND	6.90	115	6.00	0.229		
Total BTEX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PII) 109 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

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	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>101</b>	10.0	04/02/2013	ND	198	99.2	200	7.84		

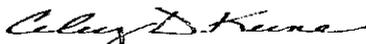
Surrogate: 1-Chlorooctane 99.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 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:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 1' (H300772-07)**

BTEX 80218		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>2.21</b>	0.100	04/04/2013	ND	2.02	101	2.00	0.606		
<b>Toluene*</b>	<b>15.1</b>	0.100	04/04/2013	ND	2.23	112	2.00	0.756		
<b>Ethylbenzene*</b>	<b>19.4</b>	0.100	04/04/2013	ND	2.32	116	2.00	0.556		
<b>Total Xylenes*</b>	<b>53.9</b>	0.300	04/04/2013	ND	6.90	115	6.00	0.229		
<b>Total BTEX</b>	<b>90.6</b>	0.600	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 681 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>3910</b>	50.0	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>11300</b>	50.0	04/02/2013	ND	198	99.2	200	7.84		

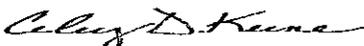
Surrogate: 1-Chlorooctane 261 % 65.2-140

Surrogate: 1-Chlorooctadecane 338 % 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:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 2' (H300772-08)**

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	04/04/2013	ND	2.02	101	2.00	0.606		
Toluene*	<b>0.117</b>	0.050	04/04/2013	ND	2.23	112	2.00	0.756		
Ethylbenzene*	<b>0.144</b>	0.050	04/04/2013	ND	2.32	116	2.00	0.556		
Total Xylenes*	<b>0.406</b>	0.150	04/04/2013	ND	6.90	115	6.00	0.229		
<b>Total BTEX</b>	<b>0.667</b>	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 123 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

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	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>268</b>	10.0	04/02/2013	ND	198	99.2	200	7.84		

Surrogate: 1-Chlorooctane 102 % 65.2-140

Surrogate: 1-Chlorooctadecane 131 % 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:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 3' (H300772-09)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606		
Toluene*	<b>0.404</b>	0.050	04/04/2013	ND	2.23	112	2.00	0.756		
Ethylbenzene*	<b>1.09</b>	0.050	04/04/2013	ND	2.32	116	2.00	0.556		
<b>Total Xylenes*</b>	<b>2.67</b>	0.150	04/04/2013	ND	6.90	115	6.00	0.229		
<b>Total BTEX</b>	<b>4.16</b>	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PID) 247 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

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>337</b>	50.0	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>2300</b>	50.0	04/02/2013	ND	198	99.2	200	7.84		

Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 144 % 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:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 5' (H300772-10)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>0.452</b>	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
<b>Toluene*</b>	<b>1.82</b>	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
<b>Ethylbenzene*</b>	<b>3.72</b>	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
<b>Total Xylenes*</b>	<b>9.07</b>	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
<b>Total BTEX</b>	<b>15.1</b>	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 517 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>583</b>	50.0	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>3960</b>	50.0	04/02/2013	ND	198	99.2	200	7.84		

Surrogate: 1-Chlorooctane 139 % 65.2-140

Surrogate: 1-Chlorooctadecane 179 % 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:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 7' (H300772-11)**

BTEX 80218		mg/kg		Analyzed By: AP						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	<b>0.062</b>	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
<b>Total Xylenes*</b>	<b>0.177</b>	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
Total BTEX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 120 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10	<50.0	50.0	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>530</b>	50.0	04/02/2013	ND	198	99.2	200	7.84		

Surrogate: 1-Chlorooctane 82.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 124 % 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:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 2 @ 9' (H300772-12)**

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	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	<0.050	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
Total Xylenes*	<0.150	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
Total BTEX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 108 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		

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	04/02/2013	ND	191	95.5	200	2.72		
DRO >C10-C28	101	10.0	04/02/2013	ND	198	99.2	200	7.84		

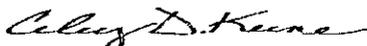
Surrogate: 1-Chlorooctane 93.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 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:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 1' (H300772-13)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>3.82</b>	0.200	04/05/2013	ND	1.64	82.2	2.00	13.9		
<b>Toluene*</b>	<b>16.4</b>	0.200	04/05/2013	ND	1.88	94.0	2.00	12.7		
<b>Ethylbenzene*</b>	<b>19.1</b>	0.200	04/05/2013	ND	1.95	97.6	2.00	13.4		
<b>Total Xylenes*</b>	<b>51.1</b>	0.600	04/05/2013	ND	5.92	98.6	6.00	11.6		
<b>Total BTEX</b>	<b>90.4</b>	1.20	04/05/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 374 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS				S-06		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>GRO C6-C10</b>	<b>4210</b>	50.0	04/02/2013	ND	191	95.5	200	2.72		
<b>DRO &gt;C10-C28</b>	<b>11600</b>	50.0	04/02/2013	ND	198	99.2	200	7.84		

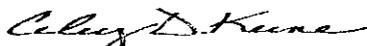
Surrogate: 1-Chlorooctane 271 % 65.2-140

Surrogate: 1-Chlorooctadecane 343 % 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:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 2' (H300772-14)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<b>0.184</b>	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	<b>0.194</b>	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
Total Xylenes*	<b>0.528</b>	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
<b>Total BTEX</b>	<b>0.905</b>	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 132 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00		

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	04/03/2013	ND	205	103	200	4.44		
<b>DRO &gt;C10-C28</b>	<b>266</b>	10.0	04/03/2013	ND	199	99.6	200	3.61		

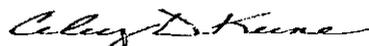
Surrogate: 1-Chlorooctane 101 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 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:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 3' (H300772-15)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<b>0.054</b>	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	<b>0.159</b>	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
Total Xylenes*	<b>0.434</b>	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
<b>Total BTEX</b>	<b>0.647</b>	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 139 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00		

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>70.7</b>	50.0	04/03/2013	ND	205	103	200	4.44		
DRO >C10-C28	<b>869</b>	50.0	04/03/2013	ND	199	99.6	200	3.61		

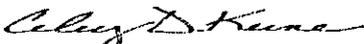
Surrogate: 1-Chlorooctane 85.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 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:	04/02/2013	Sampling Date:	03/27/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 5' (H300772-16)**

BTEX 8021B		mg/kg		Analyzed By: AP				S-04		
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
<b>Benzene*</b>	<b>0.104</b>	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9		
<b>Toluene*</b>	<b>1.10</b>	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
<b>Ethylbenzene*</b>	<b>2.71</b>	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
<b>Total Xylenes*</b>	<b>6.07</b>	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
<b>Total BTEX</b>	<b>9.98</b>	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 430 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00		

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>329</b>	50.0	04/03/2013	ND	205	103	200	4.44		
<b>DRO &gt;C10-C28</b>	<b>2460</b>	50.0	04/03/2013	ND	199	99.6	200	3.61		

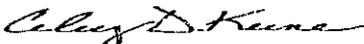
Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 147 % 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:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 7' (H300772-17)**

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	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	<b>0.068</b>	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
<b>Total Xylenes*</b>	<b>0.169</b>	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
Total BTEX	<0.300	0.300	04/04/2013	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00		

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	04/03/2013	ND	205	103	200	4.44		
<b>DRO &gt;C10-C28</b>	<b>462</b>	10.0	04/03/2013	ND	199	99.6	200	3.61		

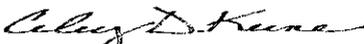
Surrogate: 1-Chlorooctane 99.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 63.6-154

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

Received:	04/02/2013	Sampling Date:	03/28/2013
Reported:	04/08/2013	Sampling Type:	Soil
Project Name:	PURE GOLD A FED #2	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Jodi Henson
Project Location:	NOT GIVEN		

**Sample ID: SP 3 @ 9' (H300772-18)**

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	04/04/2013	ND	1.64	82.2	2.00	13.9		
Toluene*	<0.050	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7		
Ethylbenzene*	<0.050	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4		
Total Xylenes*	<0.150	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6		
Total BTEX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIC) 105 % 89.4-126

Chloride, SM4500Cl-B		mg/kg		Analyzed By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	04/03/2013	ND	432	108	400	0.00		

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	04/03/2013	ND	205	103	200	4.44		
DRO >C10-C28	71.1	10.0	04/03/2013	ND	199	99.6	200	3.61		

Surrogate: 1-Chlorooctane 95.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

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**Notes and Definitions**

- S-06 The recovery of this surrogate is outside control limits due to sample dilution required from high analyte concentration and/or matrix interference's.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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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 101 East Marland, Hobbs, NM 88240  
 (505) 393-2326 FAX (505) 393-2476

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

**ANALYSIS REQUEST**

192

Company Name: <b>BBC International, Inc.</b>		P.O. #:		BILTING													
Project Manager: <b>Cliff Brunson</b>		Company:															
Address: <b>P.O. Box 805</b>		Attn:															
City: <b>Hobbs</b>		Address: <b>SAME</b>															
Phone #: <b>575-397-6388</b>		City:															
Fax #: <b>575-397-40397</b>		State:															
Project #: <b>PURE GOLD A FED # 2</b>		Zip:															
Project Name: <b>PURE GOLD A FED # 2</b>		Phone #:															
Project Location:		Fax #:															
Sample Name: <b>ROGER HERNANDEZ</b>		PRESERV:															
FOR LAB USE ONLY		SAMPLING															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER:	WASTEWATER:	SOIL:	OIL:	SLUDGE:	OTHER:	ACID/BASE:	ICE / COOL:	OTHER:	DATE	TIME	TPH	BTEX	CL-
H300072	SP10 1'	G	1										3-27-13	0418	✓	✓	✓
	2'	G	1										3-27-13	1008	✓	✓	✓
	3'	G	1										3-27-13	1029	✓	✓	✓
	4'	G	1										3-27-13	1120	✓	✓	✓
	5'	G	1										3-28-13	0915	✓	✓	✓
	6'	G	1										3-28-13	1000	✓	✓	✓
	7'	G	1										3-28-13	1258	✓	✓	✓
	8'	G	1										3-28-13	1211	✓	✓	✓
	9'	G	1										3-28-13	N/S	✓	✓	✓
	10'	G	1										3-28-13	215	✓	✓	✓

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 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 services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: **Roger Hernandez** Date: **4/20/13** Time: **8:07**

Received By: **Walter Hernandez**

Delivered By: (Circle One) **UPS** - Bus - Other: **50**

Sample Condition:  Intact  Damaged

CHECKED BY: **[Signature]**

Phone Result:  Yes  No  Add'l Phone #:

Fax Result:  Yes  No  Add'l Fax #:

REMARKS:

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #26



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

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

**ANALYSIS REQUEST**

282

Company Name: <b>BBC International, Inc.</b>		P.O. #:		BILL TO	
Project Manager: <b>Cliff Brunson</b>		Company:			
Address: <b>P.O. Box 805</b>		Attn:			
City: <b>Hobbs</b>		Address:		<b>SQME</b>	
Phone #: <b>575-397-6388</b>		City:			
State: <b>NM</b> Zip: <b>88241</b>		State:			
Fax #: <b>575-397-0397</b>		Zip:			
Project #: <b>PURE GOLD A FED # 2</b>		Project Owner: <b>OKY</b>			
Project Name: <b>PURE GOLD A FED # 2</b>		Project Location:			
Sampler Name: <b>ROGER HERNANDEZ</b>		FOR LAB USE ONLY			
Lab I.D. <b>SP20712</b>		Sample I.D.			
11 SP2071		(G)RAB OR (C)OMP			
12 SP3011		# CONTAINERS			
13 SP3011		GROUNDWATER			
14 SP3021		WASTEWATER			
15 SP3031		SOIL			
16 SP3041		OIL			
17 SP3051		SLUDGE			
18 SP3061		OTHER:			
		ACID/BASE:			
		ICE / COOL			
		OTHER:			
		DATE			
		TIME			
		TPH			
		BTEX			
		CL-			

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 analysis. 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 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, in whole or in part, 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.

Relinquished By: <b>Roger Hernandez</b>	Date: <b>4/21/13</b>	Received By: <b>Cliff Brunson</b>	Date: <b>4/21/13</b>
Relinquished By: <b>Roger Hernandez</b>	Time: <b>8:57</b>	Received By: <b>Cliff Brunson</b>	Time: <b>1:38</b>
Delivered By: (Circle One)	Sample Condition	CHECKED BY:	
Sampler - UPS - Bus - Other:	<input checked="" type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Broken <input type="checkbox"/> Damaged	<b>SP</b>	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No    Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No    Add'l Fax #: _____ REMARKS:			

† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476 #26

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	Pure Gold A Federal #2 Battery	Facility Type	Gathering

Surface Owner	BLM	Mineral Owner		Lease No.	NM 38464
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**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	21	23S	31E					Eddy

Latitude N 32.28428° Longitude W 103.79005

**NATURE OF RELEASE**

Type of Release	Oil and Produced water	Volume of Release	15 bbls water and 0.5 bbls skim oil	Volume Recovered	7 bbls
Source of Release	Flex Coupling broke on water transfer pump	Date and Hour of Occurrence	2/08/13	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; James Amos & Jennifer Van Curen- BLM		
By Whom?	Channcy Summers	Date and Hour	2/11/13 @ 7:29 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.\*

Flex coupling on a water transfer pump broke and caused 15 bbls of water and 0.5 bbl of skim oil to leak onto the ground. 7 bbls of fluid were recovered via vacuum truck. The coupling was repaired.

Describe Area Affected and Cleanup Action Taken.\*

Flex coupling on a water transfer pump broke and caused 15 bbls of water and 0.5 bbl of skim oil to leak onto the ground. 7 bbls of fluid were recovered via vacuum truck. The coupling was repaired. Remediation will be performed in accordance with an OCD and BLM approved remediation plan.

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: Channcy Summers	Approved by District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Channcy.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 3-12-13	Phone: (575) 397-8216		

\* Attach Additional Sheets If Necessary

District I  
1625 N. French Dr., Hobbs, NM 88240  
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District III  
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
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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	Pure Gold A Federal #2 Battery	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		Lease No.	NM 38464

**LOCATION OF RELEASE**

Unit Letter	Section	Township	Range	Feet from the	North/South Line	Feet from the	East/West Line	County
M	21	23S	31E	660	South	330	West	Eddy

Latitude N 32.28428° Longitude W 103.79005

**NATURE OF RELEASE**

Type of Release	Oil	Volume of Release	15 bbls	Volume Recovered	0 bbls
Source of Release	Tank overflow	Date and Hour of Occurrence	3/5/2013	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; James Amos & Jennifer Van Curen- BLM		
By Whom?	Chancey Summers	Date and Hour	3/6/13 @ 8:40 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 loss of gas caused a tank overflow spilling 15 bbls of oil onto the ground. No fluids were recovered and the source of the release was corrected.

Describe Area Affected and Cleanup Action Taken.\*

The area affected is approximately 40' x 90'. The loss of gas caused a tank overflow spilling 15 bbls of oil onto the ground. No fluids were recovered and the source of the release was corrected. Remediation will be performed in accordance with an OCD and BLM approved remediation plan.

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 District Supervisor:		
Title: HES Specialist	Approval Date:	Expiration Date:	
E-mail Address: Chancey.Summers@oxy.com	Conditions of Approval:		Attached <input type="checkbox"/>
Date: 3-12-13	Phone: (575) 397-8216		

\* Attach Additional Sheets If Necessary