

Bratcher, Mike, EMNRD

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

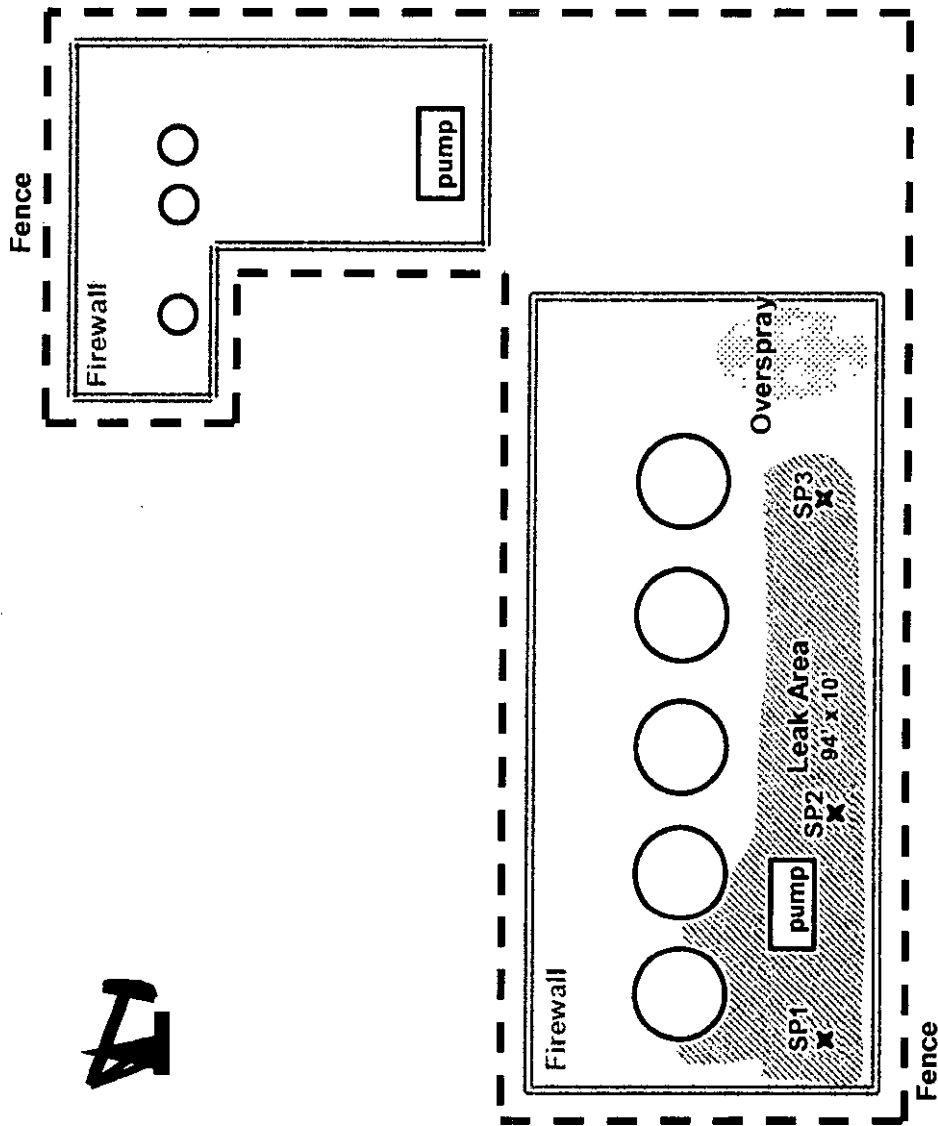
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BBC International, Inc.
World-Wide Environmental Specialists
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Oxy

Pure Gold A Federal #2 Battery



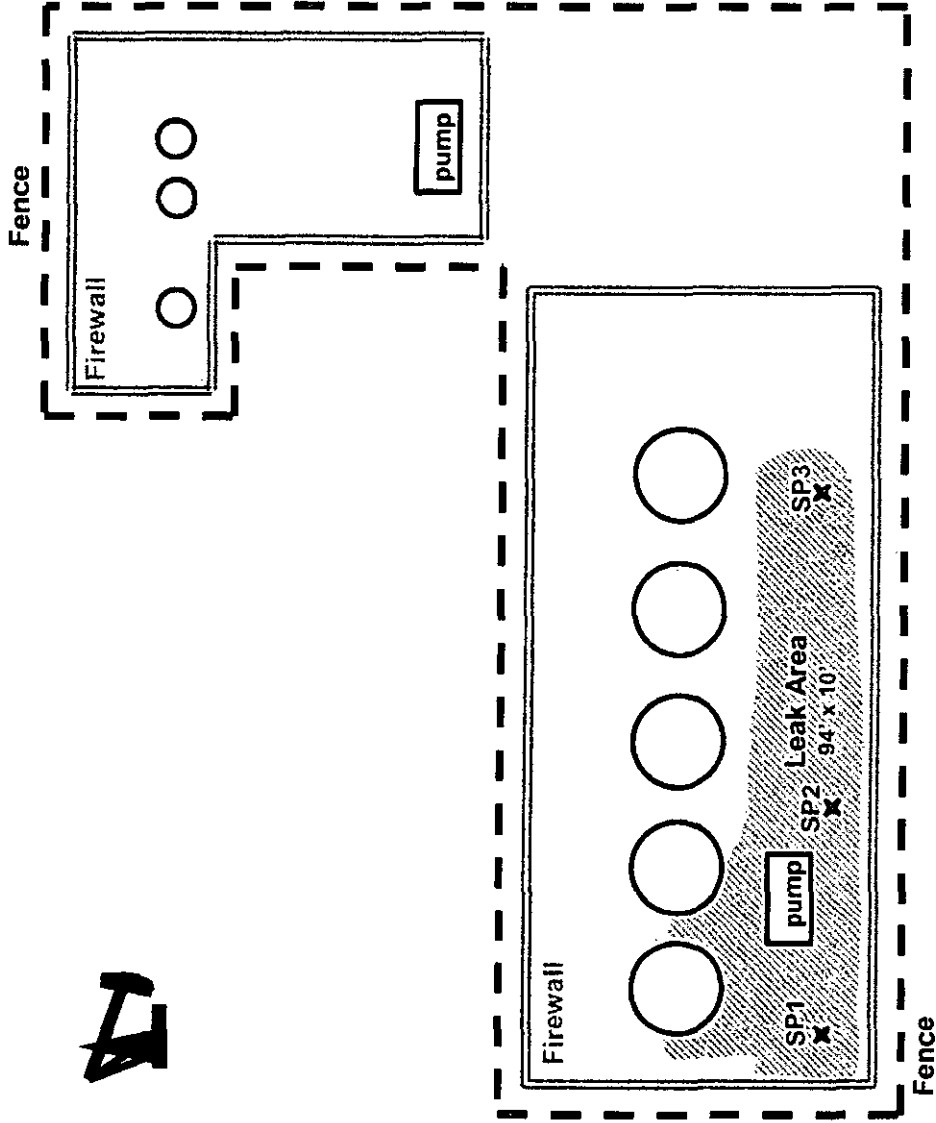
BBC International, Inc.		
Oxy		
Pure Gold A Federal #2 Battery		
Date: 02/13/2013	DRWG by: K. Purvis	
NOT TO SCALE	File: Oxy 2013	

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



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

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

**Laboratory Analytical Results Summary
Pure Gold A Federal #2**

Analyte	Method	Sample Date	SP1 @ SURFACE 2/26/13 mg/Kg	SP1 @ 1' 2/26/13 mg/Kg	SP1 @ 2' 2/26/13 mg/Kg	SP1 @ 3' 2/26/13 mg/Kg	SP1 @ 4' 2/26/13 mg/Kg
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 2/26/13 mg/Kg	SP2 @ 1' 2/26/13 mg/Kg	SP2 @ 2' 2/26/13 mg/Kg	SP2 @ 3' 2/26/13 mg/Kg	SP2 @ 4' 2/26/13 mg/Kg
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 2/26/13 mg/Kg	SP3 @ 1' 2/26/13 mg/Kg	SP3 @ 2' 2/26/13 mg/Kg	SP3 @ 3' 2/26/13 mg/Kg	SP3 @ 4' 2/26/13 mg/Kg
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	Method	Sample		SP1 @ 1'		SP1 @ 2'		SP1 @ 3'		SP1 @ 5'		SP1 @ 7'		SP1 @ 9'	
		Date		3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/28/13	mg/Kg	3/28/13	mg/Kg
Benzene	BTEX 8021B				2.97	<0.050	<0.050	<0.050	0.177	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B				13.6	0.106	0.066	0.066	1.95	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B				14.5	0.122	0.395	4.6	0.204	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B				41.3	0.35	0.896	11.8	0.492	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total BTEX	BTEX 8021B				72.3	0.578	1.36	18.6	0.696	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chloride	SM4500Cl-B				<16.0	<16.0	<16.0	<16.0	<16.0	<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	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M				12000	26.6	1140	4760	892	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Analyte	Method	Sample		SP2 @ 1'		SP2 @ 2'		SP2 @ 3'		SP2 @ 5'		SP2 @ 7'		SP2 @ 9'	
		Date		3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/28/13	mg/Kg	3/28/13	mg/Kg
Benzene	BTEX 8021B				2.21	<0.050	<0.050	<0.050	0.452	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B				15.1	0.117	0.404	1.82	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B				19.4	0.144	1.09	3.72	0.062	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B				53.9	0.406	2.67	9.07	0.177	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total BTEX	BTEX 8021B				90.6	0.667	4.16	15.1	<0.300	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chloride	SM4500Cl-B				<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M				3910	<10.0	337	583	<50.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M				11300	268	2300	3960	530	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

Analyte	Method	Sample		SP3 @ 1'		SP3 @ 2'		SP3 @ 3'		SP3 @ 5'		SP3 @ 7'		SP3 @ 9'	
		Date		3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/27/13	mg/Kg	3/28/13	mg/Kg	3/28/13	mg/Kg
Benzene	BTEX 8021B				3.82	<0.050	<0.050	<0.050	0.104	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B				16.4	0.184	0.054	1.1	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B				19.1	0.194	0.159	2.71	0.068	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B				51.1	0.528	0.434	6.07	0.169	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total BTEX	BTEX 8021B				90.4	0.905	0.647	9.98	<0.300	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Chloride	SM4500Cl-B				<16.0	<16.0	<16.0	<16.0	<16.0	<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	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M				11600	266	869	2460	462	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



Groundwater Plot

Oxy Pure Gold A Federal #2

County
Eddy

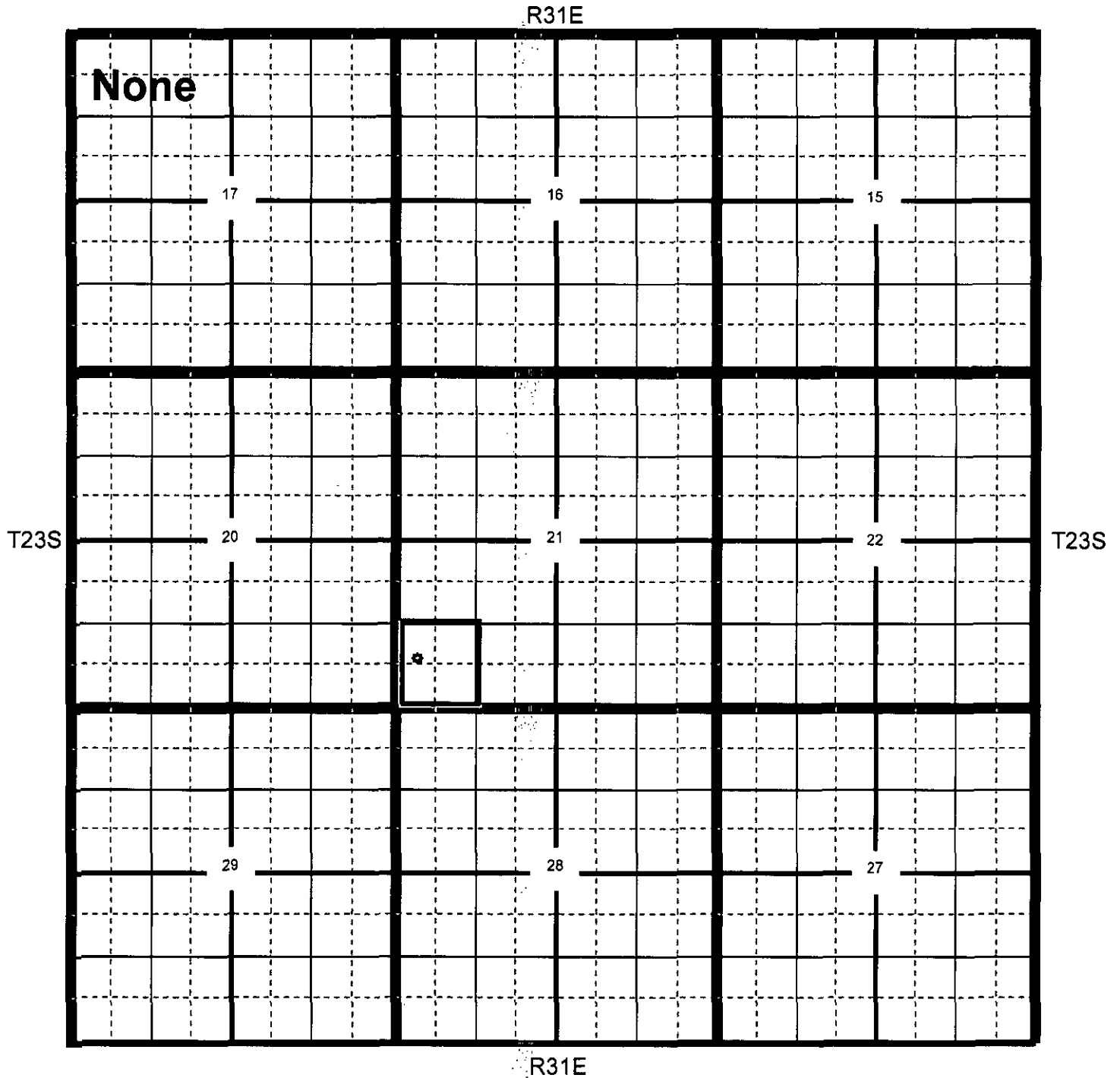
Unit Letter
M

Section
21

Township
23S

Range
31E

Trend Map 150'



• Location

• OCD

• USGS

• SEO

• All Databases

Section Quarters

Oxy Pure Gold A Federal #2 Battery

County Eddy Unit Letter M Section 21 Township 23S Range 31E

Trend Map 150'

1

2

NW/NW None	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.

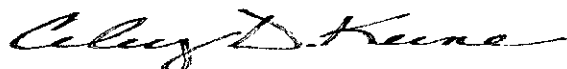
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Method EPA 552.2	Haloacetic Acids (HAA-5)
Method EPA 524.2	Total Trihalomethanes (TTHM)
Method EPA 524.4	Regulated VOCs (V1, V2, V3)

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)

8TEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	3.46	0.200	03/04/2013	ND	1.98	98.9	2.00	2.34	
Toluene*	16.9	0.200	03/04/2013	ND	2.10	105	2.00	1.71	
Ethylbenzene*	16.7	0.200	03/04/2013	ND	2.11	106	2.00	1.41	
Total Xylenes*	51.9	0.600	03/04/2013	ND	6.39	106	6.00	1.43	
Total BTEX	89.0	1.20	03/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 339 % 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	816	16.0	03/04/2013	ND	416	104	400	0.00	
TPH 8015M									

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	3600	100	03/01/2013	ND	227	114	200	15.8	
DRO >C10-C28	25400	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				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7040	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
 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 @ 2' (H300512-03)

BTX 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 BTX	<0.300	0.300	03/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 125 % 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	336	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	18.6	10.0	03/01/2013	ND	224	112	200	18.0	

Surrogate: 1-Chlorooctane 100 % 65.2-140

Surrogate: 1-Chlorooctadecane 111 % 63.6-154

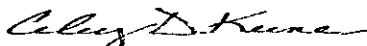
Sample ID: SP 1 @ 3' (H300512-04)

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	

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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
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 @ 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 (PIE) 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	

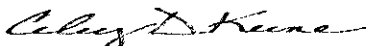
Surrogate: 1-Chlorooctane 281 % 65.2-140

Surrogate: 1-Chlorooctadecane 757 % 63.6-154

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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P.O. Box 805
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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 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 (PID) 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

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 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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* = 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: 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 3 @ SURFACE (H300512-11)

BTX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.78	0.100	03/07/2013	ND	1.80	90.2	2.00	2.29	
Toluene*	12.8	0.100	03/07/2013	ND	1.91	95.3	2.00	2.42	
Ethylbenzene*	12.8	0.100	03/07/2013	ND	1.90	95.2	2.00	2.95	
Total Xylenes*	34.3	0.300	03/07/2013	ND	5.87	97.8	6.00	2.95	
Total BTX	62.7	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
Chloride	864	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	3620	100	03/01/2013	ND	227	114	200	15.8	
DRO >C10-C28	26300	100	03/01/2013	ND	224	112	200	18.0	

Surrogate: 1-Chlorooctane 289 % 65.2-140

Surrogate: 1-Chlorooctadecane 898 % 63.6-154

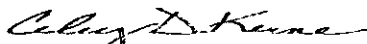
Sample ID: SP 3 @ 1' (H300512-12)

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

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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
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 3 @ 2' (H300512-13)

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	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 (PIE) 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

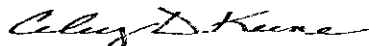
Sample ID: SP 3 @ 3' (H300512-14)

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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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		

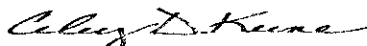
Sample ID: SP 3 @ 4' (H300512-15)

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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Celey D. Keene, Lab Director/Quality Manager

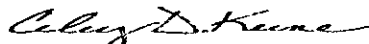
Notes and Definitions

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

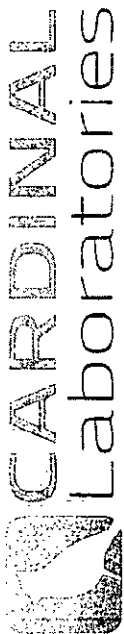
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Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

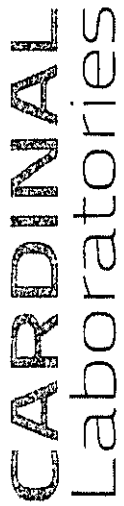
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

1 of 2

BILL TO				ANALYSIS REQUEST														
Company Name: <u>BTR International</u>				P.O. #:														
Project Manager: <u>John Bump</u>				Company:														
Address: <u>1324 W. Marland</u>				Attn:														
City: <u>Hobbs</u>				State: <u>NM</u> Zip: <u>88240</u>														
Phone #: <u>393-2326</u>				Fax #: <u>393-2476</u>														
Project #: <u>014</u>				Project Owner: <u>CMG</u>														
Project Name: <u>Quik Gold A Feed # 2</u>				State: <u>NM</u> Zip: <u>88240</u>														
Project Location: <u>Pyramid</u>				Phone #: <u>393-2476</u>														
Sampler Name: <u>Pyramid</u>				Fax #: <u>393-2476</u>														
FOR LAB USE ONLY																		
Lab I.D.	Sample I.D.	# CONTAINERS	MATRIX	WASTEWATER	GROUNDWATER	SOIL	SLUDGE	OTHER	ACID/BASE	ICE / COOL	OTHER	PRESERV	SAMPLING	DATE	TIME	CL	TRH	BTEX
4300511	SP 10 Surface	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	16:55	✓	✓	✓
2	SP 11 Surface	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	17:40	✓	✓	✓
3	SP 12 Surface	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	17:59	✓	✓	✓
4	SP 13 Surface	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	18:15	✓	✓	✓
5	SP 14 Surface	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	18:35	✓	✓	✓
6	SP 15 Surface	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	18:50	✓	✓	✓
7	SP 16 Surface	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	19:04	✓	✓	✓
8	SP 17 Surface	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	19:18	✓	✓	✓
9	SP 18 Surface	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	19:32	✓	✓	✓
10	SP 19 Surface	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	2-26-13	19:47	✓	✓	✓

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Relinquished By: <u>John Bump</u>	Date: <u>2-26-13</u>	Received By: <u>John Bump</u>	Date: <u>2-26-13</u>
Relinquished By: <u>John Bump</u>	Time: <u>16:55</u>	Received By: <u>John Bump</u>	Time: <u>16:55</u>
Delivered By: (Circle One)	Sample Condition	Checked By: <u>John Bump</u>	Initiated By: <u>John Bump</u>
Sampler - UPS - Bus - Other:	Cool <input type="checkbox"/> Intact <input type="checkbox"/>		
	Yes <input type="checkbox"/> No <input type="checkbox"/>		



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

22

[illegible]

† Cardinal cannot accept verbal changes. Please fax written changes to (575) 393-2326.



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

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.

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
Benzene*	2.97	0.500	04/08/2013	ND	2.02	101	2.00	0.606	
Toluene*	13.6	0.500	04/08/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	14.5	0.500	04/08/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	41.3	1.50	04/08/2013	ND	6.90	115	6.00	0.229	
Total BTEX	72.3	3.00	04/08/2013	ND					

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

Chloride, SM4500CI-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					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	4710	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	12000	50.0	04/02/2013	ND	198	99.2	200	7.84	

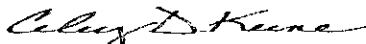
Surrogate: 1-Chlorooctane 277 % 65.2-140

Surrogate: 1-Chlorooctadecane 352 % 63.6-154

Cardinal Laboratories

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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 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	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	
Total Xylenes*	0.350	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	0.578	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIL) 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	
DRO >C10-C28	26.6	10.0	04/02/2013	ND	198	99.2	200	7.84	

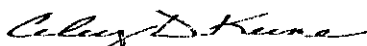
Surrogate: 1-Chlorooctane 86.3 % 65.2-140

Surrogate: 1-Chlorooctadecane 112 % 63.6-154

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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)

BTX 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*	0.066	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	0.395	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	0.896	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTX	1.36	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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					

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	80.5	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	1140	50.0	04/02/2013	ND	198	99.2	200	7.84	

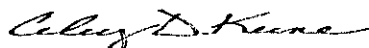
Surrogate: 1-Chlorooctane 91.2 % 65.2-140

Surrogate: 1-Chlorooctadecane 134 % 63.6-154

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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
Benzene*	0.177	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	1.95	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	4.60	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	11.8	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	18.6	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 527 % 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				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	751	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	4760	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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 Cliff Brunson
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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)

BTX 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*	<0.050	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	0.204	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	0.492	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTX	0.696	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 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	
DRO >C10-C28	892	50.0	04/02/2013	ND	198	99.2	200	7.84	

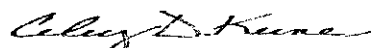
Surrogate: 1-Chlorooctane 82.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 123 % 63.6-154

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Celey D. Keene, Lab Director/Quality Manager

Analytical Results For:

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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)

BTX 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	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 BTX	<0.300	0.300	04/04/2013	ND						

Surrogate: 4-Bromofluorobenzene (PIE) 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		
DRO >C10-C28	101	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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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 2 @ 1' (H300772-07)

BTEX 8021B		mg/kg		Analyzed By: AP				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	2.21	0.100	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	15.1	0.100	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	19.4	0.100	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	53.9	0.300	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	90.6	0.600	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIC) 681 % 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				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	3910	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	11300	50.0	04/02/2013	ND	198	99.2	200	7.84	

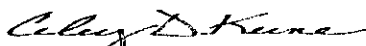
Surrogate: 1-Chlorooctane 261 % 65.2-140

Surrogate: 1-Chlorooctadecane 338 % 63.6-154

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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 2 @ 2' (H300772-08)

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

Surrogate: 4-Bromofluorobenzene (PID) 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	
DRO >C10-C28	268	10.0	04/02/2013	ND	198	99.2	200	7.84	

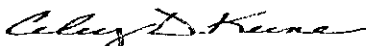
Surrogate: 1-Chlorooctane 102 % 65.2-140

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
 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 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*	0.404	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	1.09	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	2.67	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	4.16	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 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
GRO C6-C10	337	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	2300	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.
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 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 2 @ 5' (H300772-10)

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

Surrogate: 4-Bromofluorobenzene (PIC) 517 % 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				S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10	583	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	3960	50.0	04/02/2013	ND	198	99.2	200	7.84	

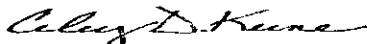
Surrogate: 1-Chlorooctane 139 % 65.2-140

Surrogate: 1-Chlorooctadecane 179 % 63.6-154

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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: 03/28/2013
Sampling Type: Soil
Sampling Condition: Cool & Intact
Sample Received By: Jodi Henson

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*	0.062	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	0.177	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	
DRO >C10-C28	530	50.0	04/02/2013	ND	198	99.2	200	7.84	

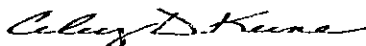
Surrogate: 1-Chlorooctane 82.9 % 65.2-140

Surrogate: 1-Chlorooctadecane 124 % 63.6-154

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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)

BTX 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 BTX	<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		

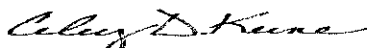
Surrogate: 1-Chlorooctane 93.8 % 65.2-140

Surrogate: 1-Chlorooctadecane 118 % 63.6-154

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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
Benzene*	3.82	0.200	04/05/2013	ND	1.64	82.2	2.00	13.9	
Toluene*	16.4	0.200	04/05/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	19.1	0.200	04/05/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	51.1	0.600	04/05/2013	ND	5.92	98.6	6.00	11.6	
Total BTEX	90.4	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
GRO C6-C10	4210	50.0	04/02/2013	ND	191	95.5	200	2.72	
DRO >C10-C28	11600	50.0	04/02/2013	ND	198	99.2	200	7.84	

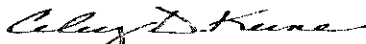
Surrogate: 1-Chlorooctane 271 % 65.2-140

Surrogate: 1-Chlorooctadecane 343 % 63.6-154

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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)

BTX 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*	0.184	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	0.194	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	0.528	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
Total BTX	0.905	0.300	04/04/2013	ND					

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

Chloride, SM4500CI-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	266	10.0	04/03/2013	ND	199	99.6	200	3.61	

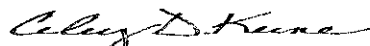
Surrogate: 1-Chlorooctane 101 % 65.2-140

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)

BTX 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*	0.054	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	0.159	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	0.434	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
Total BTX	0.647	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PIE) 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	70.7	50.0	04/03/2013	ND	205	103	200	4.44	
DRO >C10-C28	869	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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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
Benzene*	0.104	0.050	04/04/2013	ND	1.64	82.2	2.00	13.9	
Toluene*	1.10	0.050	04/04/2013	ND	1.88	94.0	2.00	12.7	
Ethylbenzene*	2.71	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	6.07	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
Total BTEX	9.98	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
GRO C6-C10	329	50.0	04/03/2013	ND	205	103	200	4.44	
DRO >C10-C28	2460	50.0	04/03/2013	ND	199	99.6	200	3.61	

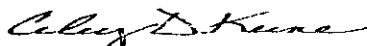
Surrogate: 1-Chlorooctane 110 % 65.2-140

Surrogate: 1-Chlorooctadecane 147 % 63.6-154

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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)

BTX 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*	0.068	0.050	04/04/2013	ND	1.95	97.6	2.00	13.4	
Total Xylenes*	0.169	0.150	04/04/2013	ND	5.92	98.6	6.00	11.6	
Total BTX	<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	
DRO >C10-C28	462	10.0	04/03/2013	ND	199	99.6	200	3.61	

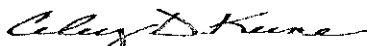
Surrogate: 1-Chlorooctane 99.4 % 65.2-140

Surrogate: 1-Chlorooctadecane 120 % 63.6-154

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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 @ 9' (H300772-18)

BTX 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 BTX	<0.300	0.300	04/04/2013	ND					

Surrogate: 4-Bromofluorobenzene (PID) 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	

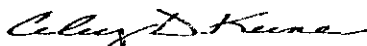
Surrogate: 1-Chlorooctane 95.1 % 65.2-140

Surrogate: 1-Chlorooctadecane 114 % 63.6-154

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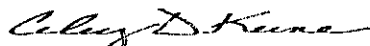
Notes and Definitions

- 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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Celey D. Keene, Lab Director/Quality Manager

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: PURE GOLD A FED #2 Project Location:		P.O. #: Company: Attn: Address: SAME City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST															
Sampler Name: ROGER HERNANDEZ		Matrix:		Preserv:		Sampling:		Date:		Time:		TPH		BTEX		CL-			
Lab I.D.		Sample I.D.		GROUNDWATER:		WASTEWATER:		SOIL:		SLUDGE:		OTHER:		ACID/BASE:		ICE/COOL:		OTHER:	
1 SP10 1'		2'		3'		4'		5'		6'		7'		8'		9'		10'	
11 SP20 1'		2'		3'		4'		5'		6'		7'		8'		9'		10'	
12 SP20 2'		3'		4'		5'		6'		7'		8'		9'		10'		11'	
13 SP20 3'		4'		5'		6'		7'		8'		9'		10'		11'		12'	
14 SP20 4'		5'		6'		7'		8'		9'		10'		11'		12'		13'	
15 SP20 5'		6'		7'		8'		9'		10'		11'		12'		13'		14'	
16 SP20 6'		7'		8'		9'		10'		11'		12'		13'		14'		15'	
17 SP20 7'		8'		9'		10'		11'		12'		13'		14'		15'		16'	
18 SP20 8'		9'		10'		11'		12'		13'		14'		15'		16'		17'	
19 SP20 9'		10'		11'		12'		13'		14'		15'		16'		17'		18'	
20 SP20 10'		11'		12'		13'		14'		15'		16'		17'		18'		19'	

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 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: 4/10/13 Time: 8:07	Received By: Cali Henson Date: 4/10/13 Time: 8:07	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:
Relinquished By: Roger Hernandez	Received By: Cali Henson	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition: Cool <input type="checkbox"/> Intact <input type="checkbox"/> 50 Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: (Initials) CH

† 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

2 of 2

Company Name: BBC International, Inc.		P.O. #:		BILL TO		ANALYSIS REQUEST																																			
Project Manager: Cliff Brunson		Company:																																							
Address: P.O. Box 805		Attn:																																							
City: Hobbs		State: NM		Zip: 88241																																					
Phone #: 575-397-6388		Fax #: 575-397-0397		Address: SAME																																					
Project #:		Project Owner: OKY		City:																																					
Project Name: PURE Gold A FED # 2		State:		Zip:																																					
Project Location:		Phone #:																																							
Sampler Name: ROGER HERNANDEZ		Fax #:																																							
FOR LAB USE ONLY		MATRIX		PRESERV		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													
H300112		SP 20 7'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		3-28-13		1050		TPH											
11		SP 20 7'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		3-28-13		1142		BTX											
12		SP 30 1'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		3-27-13		318		CL											
13		SP 30 2'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		3-27-13		734													
14		SP 30 3'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		3-27-13		349													
15		SP 30 4'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		3-27-13		410													
16		SP 30 5'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		3-28-13		1240													
17		SP 30 6'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		3-28-13		138													
18		SP 30 7'		G		1		✓		✓		✓		✓		✓		✓		✓		✓		✓		3-28-13		138													

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

Relinquished By: Roger Hernandez	Received By: Jodi Benson	Date: 4/12/13	Time: 8:57	Date: 4/12/13	Time: 8:57
Relinquished By:	Received By:	Date:	Time:	Date:	Time:
Delivered By: (Circle One)	Sample Condition	Checked By:			
Sampler - UPS - Bus - Other:	Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>	(Initials)			
	Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/>				

† 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

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?	Chancey 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.*

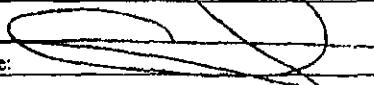
Describe Cause of Problem and Remedial Action Taken.*

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 NMOCDD 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 NMOCDD 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, NMOCDD 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: 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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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

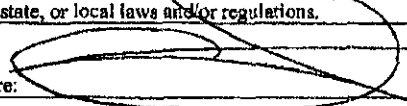
Name of Company	Oxy Permian Ltd.	Contact	CJ Summers
Address	1017 W. Stanolind Rd, Hobbs, NM	Telephone No.	(575) 397-8216
Facility Name	Pure Gold A Federal #2 Battery	Facility Type	Gathering
Surface Owner	BLM	Mineral Owner	
		Lease No.	NM 38464

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 Arnos & 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: 		OIL CONSERVATION DIVISION			
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