Bratcher, Mike, EMNRD

From:

Cliff P. Brunson < cbrunson@bbcinternational.com>

Sent:

Saturday, September 21, 2013 4:10 PM

To:

Bratcher, Mike, EMNRD

Cc: Subject: C J Summers; Ken Swinney; Jennifer Gilkey; Kathy Purvis 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.

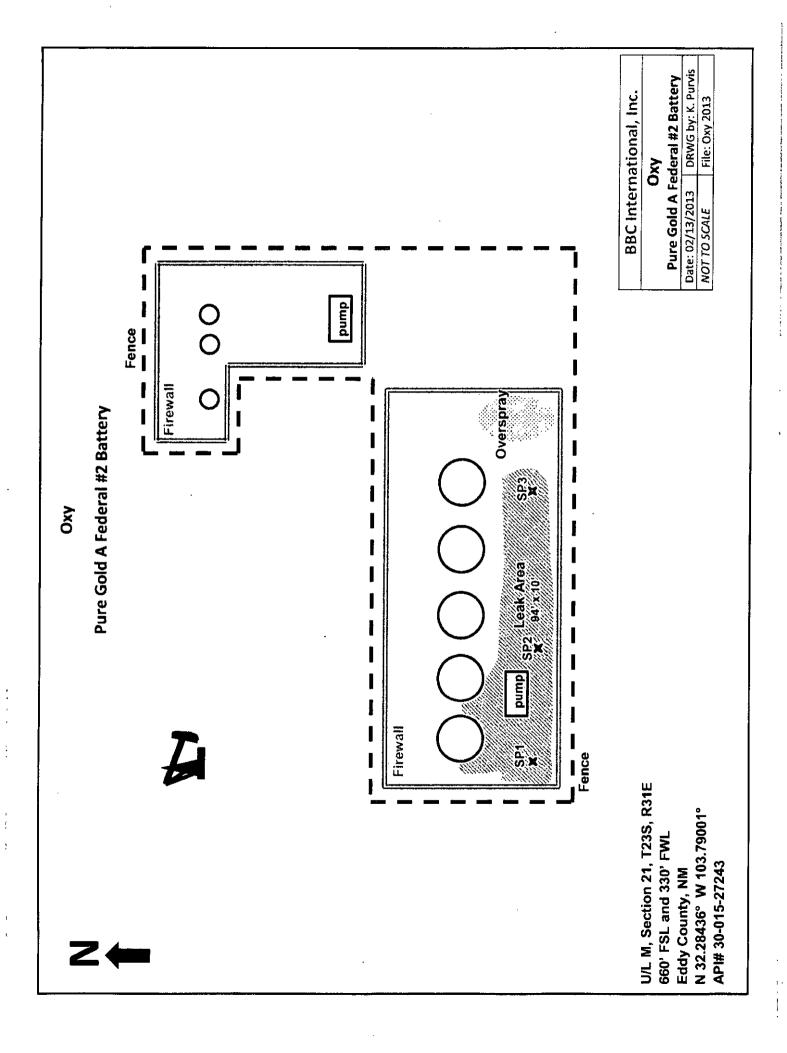
If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

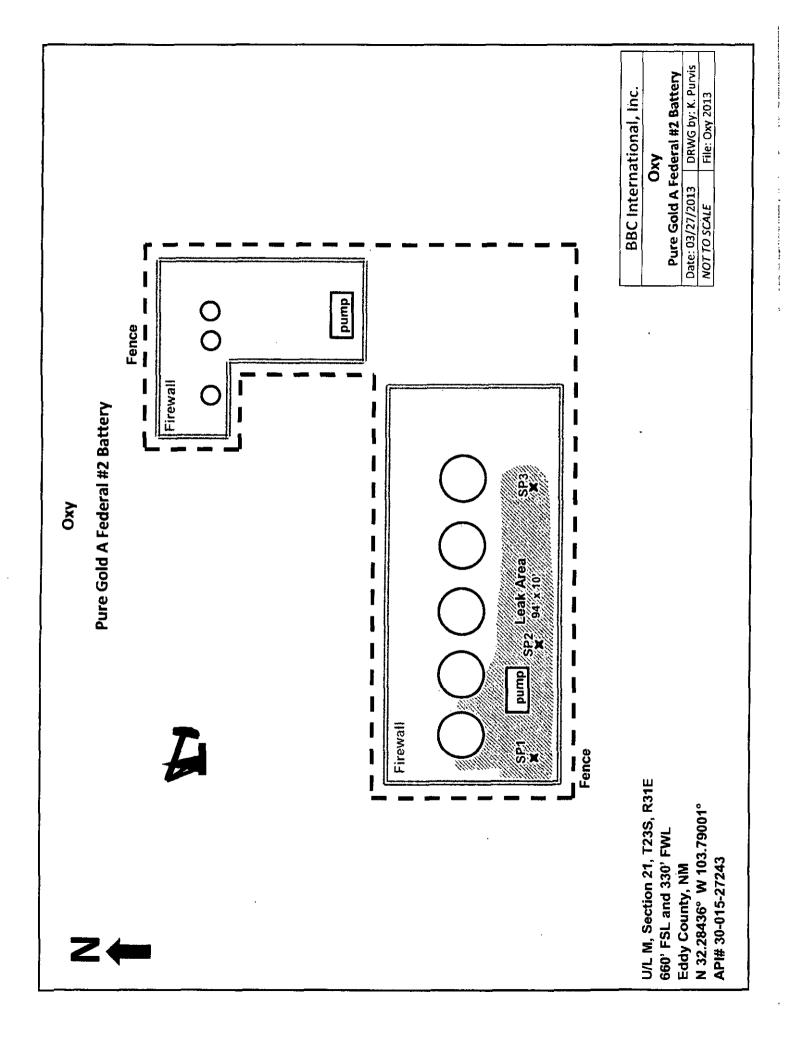
Thanks, Cliff

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
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Laboratory Analytical Results Summary Pure Gold A Federal #2

		Sample	SP1 @	SP1 @ 1"	SP1`@ Z	.£ @ 14S	SP1 @ 4
Analyte	Method	Date	2/26/13	2/26/13	51/92/2	2/26/13	2/26/13
			of mg/Kg %	⊹mg/Kg≻	,≗ буубш √	, "mg/kg	mg/Kg
Benzene	BTEX 8021B		3.46	n/a	050.0>	e/u	n/a
Toluene	BTEX 8021B		16.9	n/a	<0.050	n/a	e/u
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		68	n/a	<0.300	n/a	e/u
Chloride	SM4500CI-B		816	7040	336	80	144
GRO	TPH 8015M		3600	n/a	<10.0	е/и	n/a
DRO	TPH 8015M		25400	n/a	18.6	e/u	n/a

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'.	SP2 @ 3'	SP2 @ 4:
Analyte	Method	Date	2/26/13	2/26/13	2/26/13	2/26/13	2/26/13
			® mg/Kg ≫	🦟 mg/Kg 🍇	S By/Bu	A mg/kg 🕬	ik mg/Kg∵i
Benzene	BTEX 8021B		3.05	n/a	<0.050	e/u	n/a
Toluene	BTEX 8021B		16.1	n/a	<0.050	e/u	n/a
Ethylbenzene	BTEX 8021B		16.6	n/a	<0.050	e/u	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	e/u	n/a
Chloride	SM4500CI-B		1280	6480	400	08	144
GRO	TPH 8015M		3120	n/a	<10.0	e/u	n/a
DRÖ	TPH 8015M		22700	n/a	18.3	n/a	n/a

			SP3 @		10 0 000		* 0000
		Sample	SURFACE	9	SP3 69 Z	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SP3
Analyte	Method	Date	2/26/13	2/26/13	2/26/13	2/26/13	2/26/13
			∯ By/6w	£mg/Kg ×	, тамб	, mg/kg i	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	e/u	n/a
Total Xylenes	BTEX 8021B		34.3	n/a	<0.150	e/u	n/a
Total BTEX	BTEX 8021B		62.7	n/a	<0.300	n/a	n/a
Chloride	SM4500CI-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

		Sample	SP1@1	SP1@2"	SP1 @ 3	3P1 @ 6	SP1@7	SP160
Analyte	Method	Date	3/27/13	327/13	3/27/13	327/13	3/28/13	3/28/13
			# Bydu	String/Kg 👰	morko	F mg/kg 19	# ByOw W	W 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	969.0	<0.300
Chloride	SM4500CI-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

		Sample	sP2 @ 1'	SP2 @ Z	SP2 🙉 3	SP2 @ 5	SP2 @ 7	SP2 @ 9'
Analyte	Method	Date	3/27/1/3	327113	327/13	327113	3/28/13	32813
			¶ mg/Kg :	A mg/Kg		S. mg/kg As	A mg/Kg球	* mg/Kg
Benzene BTE	BTEX 8021B		2.21	<0.050	<0.050	0.452	<0.050	<0.050
Toluene BTE	BTEX 8021B		15.1	0.117	0.404	1.82	<0.050	<0.050
Ethylbenzene BTE;	BTEX 8021B		19.4	0.144	1.09	3.72	0.062	<0.050
Total Xylenes BTE	BTEX 8021B		53.9	0.406	2.67	9.07	0.177	<0.150
Total BTEX BTE	BTEX 8021B		90.6	299.0	4.16	15.1	<0.300	<0.300
Chloride SM4	SM4500CI-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO TPH	TPH 8015M		3910	<10.0	337	583	<50.0	<10.0
DRO	TPH 8015M		11300	268	2300	3960	530	101

!		Sample	SP3.@1	SP3 @ 2"	SP3 @ 3'	SP3 @ 5	SP3 @ 7.	SP3@9
Analyte	Method	Date	3/27/13	327/13	3/27/13	3/27/13	3/28/13	3/28/13
			* mg/Kg **	, mg/Kp	· 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	86.6	<0.300	<0.300
Chloride	SM4500CI-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO	TPH 8015M		4210	<10.0	7.07	329	<10.0	<10.0
DRO	TPH 8015M		11600	266	869	2460	462	71.1



Groundwater Plot

Oxy Pure Gold A Federal #2

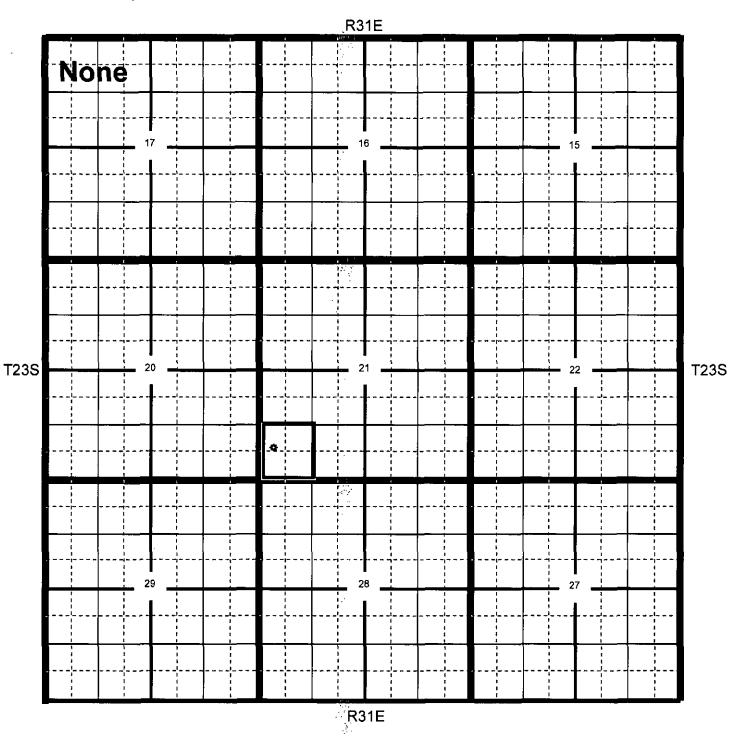
County Eddy Unit Letter

Section 21

Township 23S Range 31E

Trend Map

150'



♣ Location

• OCD

●USGS

• SEO

All Databases



Section Quarters

Oxy Pure Gold A Federal #2 Battery

CountyUnit LetterSectionTownshipRangeEddyM2123S31E

Trend Map 150'

1 2

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

3

 ♠ Location
 ♠ OCD
 ● USGS
 ♠ 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 accredited certif.html.

Cardinal Laboratories is accreditated 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.

Celey D. Keine

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



8BC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

02/27/2013

Sampling Date: Sampling Type: 02/26/2013

Reported:

03/07/2013

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 @ SURFACE (H300512-01)

BTEX 8021B	mg/	'kg	Analyze	d 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	% 89.4-12	26				-		
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW			<u></u>		
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	mg/	kg	Analyze	d By: M5					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	% 65.2-14	10			<u>-</u>			- "
Surrogate: 1-Chlorooctadecane	802	% 63.6-15	i <i>4</i>						

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

Chloride, SM4500CI-B	mg	/kg	Analyze	d By: DW					
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. Keine



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: Project Number: PURE GOLD A FED #2

Project Location:

NONE GIVEN

Sampling Date:

02/26/2013

Sampling Type:

Soil

400

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

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

Chloride.	SM4500C1-B

8	,	٠.,

Analyzed By: DW

	Analyte
Chloride	

Result

144

Reporting Limit Analyzed 16.0 03/04/2013

Method Blank ND 8S 416 % Recovery True Value QC

104

C RPD

0.00

Qualifier

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

BTEX 8021B	mg,	<u>/kg </u>	Analyze	d By: AP					5-04
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	
Ethyibenzene*	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	 %	6						

371 :	% 89.4-12	6						
mg/	kg	Analyze	d By: DW					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
1280	16.0	03/04/2013	ND	416	104	400	0.00	
mg,	kg	Analyze	d By: MS					S-06
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
3120	100	03/01/2013	ND	227	114	200	15.8	
22700	100	03/01/2013	ND	224	112	200	18.0	
•	Result 1280 mg/ Result 3120	mg/kg Result Reporting Limit 1280 16,0 mg/kg Result Reporting Limit 3120 100	mg/kg Analyze Result Reporting Limit Analyzed 1280 16,0 03/04/2013 mg/kg Analyzed Result Reporting Limit Analyzed 3120 100 03/01/2013	mg/kg Analyzed By: DW Result Reporting Limit Analyzed Method Blank 1280 16.0 03/04/2013 ND mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank 3120 100 03/01/2013 ND	mg/kg Analyzed By: DW Result Reporting Limit Analyzed Method Blank BS 1280 16.0 03/04/2013 ND 416 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS 3120 100 03/01/2013 ND 227	mg/kg Analyzed By: DW Result Reporting Limit Analyzed Method Blank BS % Recovery 1280 16.0 03/04/2013 ND 416 104 mg/kg Analyzed By: M5 Result Reporting Limit Analyzed Method Blank BS % Recovery 3120 100 03/01/2013 ND 227 114	mg/kg Analyzed By: DW Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 1280 16.0 03/04/2013 ND 416 104 400 Mesult Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC 3120 100 03/01/2013 ND 227 114 200	mg/kg Analyzed By: DW Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 1280 16.0 03/04/2013 ND 416 104 400 0.00 mg/kg Analyzed By: MS Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD 3120 100 03/01/2013 ND 227 114 200 15.8

Surrogate: 1-Chlorooctane 281 % 65.2-140
Surrogate: 1-Chlorooctadecane 757 % 63.6-154

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*=Accredited Analyte

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Celey D. Keena



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

Fax To: (575) 397-0397

Received:

Chloride, SM4500CI-B

02/27/2013

Reported:

03/07/2013

Project Name: Project Number: PURE GOLD A FED #2

NONE GIVEN

mg/kg

Penartina Limit

Sampling Date:

02/26/2013

Sampling Type:

Soil

True Value OC

Sampling Condition:

Cool & Intact

Sample Received By:

% Recovery

Jodi Henson

RPD

Qualifier

Project Location:

Analyte

NOT GIVEN

Result

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

Analyte	Result	Reporting Limit	Analyzed	Method Blank	82	% Kecovery	True Value QC	RPU	Qualiner
Chloride	6480	16.0	03/04/2013	ND	416	104	400	0.00	
Sample ID: SP 2 @ 2' (H30051:	2-08)								
BTEX 8021B	mg/	kg	Analyze	d 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 (PIC	124 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: DW					<u> </u>
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	Analyze	d 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 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	108	% 63.6-15	4						

Analyzed By: DW

Method Blank

Cardinal Laboratories

*=Accredited Analyte

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Celeg D. Keine



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received: Reported: 02/27/2013

03/07/2013

Project Name:

PURE GOLD A FED #2

Project Number: Project Location: NONE GIVEN

Sampling Date:

02/26/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Analyte

Analyte

NOT GIVEN

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

Chloride, SM4500CI-B

Chloride

Chloride

mg/kg

Analyzed By: DW

Result

80.0

Result

144

Reporting Limit 16.0

Reporting Limit

16.0

Analyzed 03/04/2013 Method Blank ND

BS 416 % Recovery 104

True Value QC 400

RPD

0.00

Qualifier

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: DW

Analyzed

03/04/2013

Method Blank

ND

BS 416 % Recovery 104

True Value QC 400

RPD 0.00

Qualifier

*=Accredited Analyte Cardinal Laboratories

PLEASE NOTE: Liability and Dart

Celey D. Keene, Lab Director/Quality Manager

Celey D. Keine

Page 6 of 12



BBC International, Inc.

Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

02/27/2013

Sampling Date: Sampling Type: 02/26/2013

Reported:

03/07/2013

Soil

Project Name:

PURE GOLD A FED #2

Sampling Condition:

Cool & Intact

Project Number: Project Location: NONE GIVEN **NOT GIVEN**

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg,	kg	Analyze	d 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 BTEX	62.7	0.600	03/07/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	504	% 89.4-12	16						
Chloride, SM4500CI-B	mg,	řkg	Analyze	d 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	Analyze	d By: MS					S-06
Analyte	Result	Reporting Limit	Analyzed	Method Blank	8S	% 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: I-Chlorooctane	289	% 65.2-14	0				-		
Surrogate: 1-Chlorooctadecane	898	% 63,6-15	4						

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

Chloride, SM4500CI-B	mg	/kg	Analyze	d 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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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive

Celey D. Keene



BBC International, Inc.

Cliff Brunson P.O. Box 805

Hobbs NM, 88241

Fax To:

(575) 397-0397

Received: Reported: 02/27/2013

03/07/2013

PURE GOLD A FED #2

Project Name: Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

02/26/2013

Sampling Type:

Sail

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/	kg	Analyze	d 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 (PIL	113 9	6 89.4-12	6	·					
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	65,2-14	0						
Surrogate: 1-Chlorooctadecane	105 9	63.6-15	4						

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

Chloride, SM4500CI-B	mg,	<u>/</u> kg	Analyze	d 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	

Cardinal Laboratories

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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: Project Number: PURE GOLD A FED #2

Project Location:

NONE GIVEN

Sampling Date:

Sampling Type:

02/26/2013

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

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

Chiorae, SM45UUCI-B	mg	/Kg	Anaiyze	а ву: и w					
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



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

Cardinal Laboratories *=Accredited Analyte

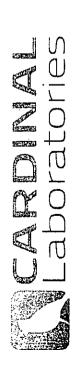
PLEASE NOTE: Liability and Dameges. Cardinal's fability and client's exclusive remedy for any claim prising, whether based in contract or tont, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatevever shall be deemed waved unless made in writing and received by Client within 1119 (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental demapes, including, without limitation, business interruptions, loss of use, or loss of profits incidentally and beginning and profits and the profits incidentally and the profits and the profits incidentally and the profits and the profits and the profits and profits and the profits and the profits and profi

Celey D. Keene

CARDINGL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Winns Company Winns Company														7.											, , , , , , , , , , , , , , , , , , ,
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Company: Compan	70				J. J	ZiD:		SAMPLING	71	15/ 15/ 15/		7875	17.60	274. 13 10 FB 16 17 V	12617 115	13. 1/35 1/35	1/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2/2	226 6. 1248 - 1	2013 1.08	the ampaint part by the client per tro thin 20 days after emperion or the archeable	, i	O Yes O No		ED BY:	
	.,~.	1	Сомрапу:	275		State:	Phone #:	ê L	<u>ال</u>	DWATER E : : : : : : : : : : : : : : : : :	OROUN SOIL SOIL SEUDGE SEUDGE SEUDGE SEUDGE SOID/BA					2				claim ansing whether passes in contract or fart disal be firtled to come whese paging writing and reserved by Cardelal with	finitation, business attenuabons, are of one, at loss of brot reperdiess of salesnet such chain is based town any of the a	Collination of the Collination o	eceived By:	•	
	ompany Name:	Project Manager:	Address: 1324	V .	none #: 7 / / Project #:	roject Name:	roject Location:	Sampler Name:		Lab I.D.		100	1/2	N	<u>ا</u> اد	4) 5 (1	20	<u></u>	LEASE NOTE: Liability and Damage Object. At chains including those for	ervoc, im so eventativil Ca dinal be lusiv Nistes or successors arisins out of or rela	Kelinquished By:	Relinquished By:	Delivered By: (Circle One) Sampler - UPS - Bus - Other:	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUESTS PLOME COMPANY COMP	THE TOP COUNTY THE TOP COUNTY TO THE TOP COUNTY TO THE TOP COUNTY	•														makes and other management and the second se			:							
1.10. #3.2.4.1. Company:	Sample I.D. Sample Condition Origination of the formation of the formatio	1 1																		Will amount the state of the st				Add Fax#:		-
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THE STATE OF THE S	Damage of the second of the se	OL 7718	P.O. #:	Сотрапу:	Attn:				Phone #:	Fax #:	-	13	1000 38V8 3	CID/EI OE / C	5/3/2	1.92	~	26 13	-M			speed or but, shall be lasted to the amount ped to ng and received by Cardinal vidus 30 days after c	bans, kase of use, or loss of profits incurred by electrical in hased upon erry of the above blates reason	· · · · · · · · · · · · · · · · · · ·		
	Damage of the second of the se	mulle mil		in the state of th	My Zip: 8324	#	OXU	ed I F		770	5	IERS ATER	NIAT NON	CON: SROUI	\$ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	7		7		The state of the s		Listve remedy for any dain arrang windher brased at or has cever that be deemed vizaved unless made in writ	dansages, including without kmilasion, business inturq c-s, hinetinde; by Cardbal, regardless of whether aura	7/3 Received By:	Received By:	Sample Co



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 accredited certif.html.

Cardinal Laboratories is accreditated 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.

Celeg D. Keine

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



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: Project Location:

NONE GIVEN

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/	kg	Analyze	d 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 (PIL	184 %	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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 %	65.2-14	0						
Surrogate: 1-Chlorooctadecane	352 9	63.6-15	4						

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Celey D. Kuna



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

Project Location:

NOT GIVEN

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Anatyzed	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 (PID	120 5	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 65.2-14	0				<u> </u>		
Surrogate: 1-Chlorooctadecane	112	63.6-15	4						

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BBC International, Inc. Cliff Brunson

P.O. Box 805 Hobbs NM, 88241

(575) 397-0397 Fax To:

Received:

04/02/2013

Sampling Date: Sampling Type: 03/27/2013

Reported:

04/08/2013

Soil

Project Name:

PURE GOLD A FED #2

Sampling Condition:

Cool & Intact

Project Number: Project Location:

NONE GIVEN **NOT GIVEN**

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/	kg	Anatyze	d 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 BTEX	1.36	0.300	04/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	191 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW			<u></u>		— <u>—</u>
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	Analyze	d 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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	134 9	63.6-15	4						

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Celey D. Kune

Celey D. Keene, Lab Director/Quality Manager

Page 4 of 22



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 @ 5' (H300772-04)

BTEX 8021B	mg/	kg	Analyze	d By: AP		, ,			S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
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 (PIL	527 9	6 89.4-12	6							
Chloride, SM4500CI-B	mg/	kg	Analyze	d By: DW				_	_	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
Chloride	<16.0	16.0	04/03/2013	ND	448	112	400	3.64		
TPH 8015M	mg/	kg	Analyze	d By: MS					S-06	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie	
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 9	65.2-14	0							
Surrogate: 1-Chlorooctadecane	194 9	63.6-15	4							

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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

Sampling Date: Sampling Type: 03/28/2013

Reported:

04/08/2013

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 .	Analyze	d 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 BTEX	0.696	0.300	04/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	159 %	89.4-12	б						<u> </u>
Chloride, SM4500CI-B	mg/j	(g	Analyze	d 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/j	rg	Analyze	d By: MS		<u>.</u>			
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 %	6 65.2-14	0						
Surrogate: 1-Chlorooctadecane	123 %	63.6-15	4						

Cardinal Laboratories

*=Accredited Analyte

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

Celey D. Kuna



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: Sample Received By: Cool & Intact Jodi Henson

Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/	kg	Analyze	d By: AP					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
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 (PIL	109 9	6 89.4-12	6				•		
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	65.2-14	0						
Surrogate: 1-Chlorooctadecane	120 9	63.6-15	4						

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Fax To: (575) 397-0397

Received:

04/02/2013

04/08/2013

Sampling Date: Sampling Type: 03/27/2013

Reported:

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 8021B	mg/	/kg	Analyze	d 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 (PIE	681	% 89.4-12	26						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d 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	Analyze	d 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	% 65.2-14	10	. = . = .					
Surrogate: 1-Chlorooctadecane	338	% 63.6-15	:4						

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04/08/2013

PURE GOLD A FED #2

Project Number: Project Location:

Project Name:

NONE GIVEN NOT GIVEN

Sampling Date:

Sampling Type:

Sampling Condition:

03/27/2013

Soil

Cool & Intact

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/	kg	Analyze	d 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 (PIL	123 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	NĎ	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 9	65.2-14	0						
Surrogate: 1-Chlorooctadecane	131 9	63.6-15	4						

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Celey D. Keene, Lab Director/Quality Manager

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04/02/2013

Sampling Date:

03/27/2013

Reported:

04/08/2013

Sampling Type:

Coil

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	Analyze	d 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 (PIL	247 %	6 89.4-12	6				-,		
Chloride, SM4500Cl-B	mg/	kg	Anatyze	d 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	Analyze	d By: MS			<u>-</u>		
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 %	65.2-14	0					•	-
Surrogate: 1-Chlorooctadecane	144 9	63.6-15	4						

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Received: Reported: 04/02/2013

04/08/2013

Project Name: Project Number: PURE GOLD A FED #2 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)

BTEX 8021B	mg/	kg	Analyze	d By: AP					5-04
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 BTEX	15.1	0.300	04/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIL	517	% 89.4-12	6				· · ·		
Chloride, SM4500CI-B	mg/	'kg	Analyze	d By: DW			1.1911		
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	Analyze	d 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	% 65.2-14	0						
Surrogate: I-Chlorooctadecane	179	% 63.6-15	4						

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PURE GOLD A FED #2

Project Name: Project Number:

NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

03/28/2013

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

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

BTEX 80218	mg/	kg	Anatyze	d 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 (PID	120 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Anatyze	d 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 9	6 65.2-14	0				w. :		.
Surrogate: 1-Chlorooctadecane	124 %	63.6-15	4						

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Received: Reported: 04/02/2013

04/08/2013

Project Name: Project Number: PURE GOLD A FED #2 NONE GIVEN

Project Location:

NOT GIVEN

Sampling Date:

Sampling Type:

03/28/2013

Soil

Sampling Condition:

Sample Received By:

Cool & Intact

Jodi Henson

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

BTEX 80218	mg/	kg	Analyze	d 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 (PIL	108 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	118 9	63,6-15	4						

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04/08/2013

Project Name:

PURE GOLD A FED #2

Project Number:

NONE GIVEN

Sampling Date:

03/27/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/	kg	Analyze	d 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 (PIL	374 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Anatyze	d 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 %	65.2-14	o		-,,				
Surrogate: I-Chlorooctadecane	343 %	63,6-15	4						

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Received:

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Sampling Date: Sampling Type: 03/27/2013

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04/08/2013

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	Analyze	d 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 BTEX	0.905	0.300	04/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIE	132 9	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	65.2-14	0						**
Surrogate: 1-Chlorooctadecane	112 9	63.6-15	4						

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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	Analyze	d By: AP			<u> </u>		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 BTEX	0.647	0.300	04/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIC	139 %	6 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d 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 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	1149	63.6-15	4						

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PLEASE. NUISE: Usefully and Usingages. Cardinans strongs and others ecousive emboy for any dam arising, wherever based in controver of nort, shall be immore paid by clerk for shall be desired waved unless made in writing and received by Cardinal Whith thirty (30) days share completion of the applicable service. In no event shall Cardinal be labele fit incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated massons or otherwise. Results related only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Kuna



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: Project Location: NONE GIVEN **NOT GIVEN**

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/	kg	Analyze	d 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 (PIL	430 9	% 89.4-12	6			· -			
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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		Analyze	d 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 9	65.2-14	0	•					
Surrogate: 1-Chlorooctadecane	147 9	63.6-15	4						

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ed waved unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable bons, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder

Celey D. Keene



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

Project Location:

NOT GIVEN

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/	kg	Analyze	d 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 BTEX	<0.300	0.300	04/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PID	1169	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d 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	Analyze	d By: MS			<u> </u>		
Analyte	Result Reporting Limit		Analyzed Method Blank		BS	% Recovery	True Value QC	RPD	Qualifie
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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	120 9	63.6-15	4						

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*=Accredited Analyte

any other cause whatsoever shall be deemed waived unless made in writing and received by Cardhal within thirty (30) days after completion of the applicable service. In no event shall Cardhal be fable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, efficiency or successors arising out of or related to the performance of the services hereunder by Cardhal, regardless of whether such

Celey D. Kune



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

(575) 397-0397 Fax To:

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: Project Location:

NONE GIVEN NOT GIVEN

Sample Received By:

Jodi Henson

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

BTEX 8021B	mg/	kg	Analyze	d 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 9	% 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	Analyze	d 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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	114 9	63.6-15	4						

Cardinal Laboratories

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PLEASE NOTE: Liability and Damages. Cardinal's lab

Celey D. Kerne



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 SM4500C-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardina's flability and client's exclusive remedy for any daim enting, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All daims, including those for negfigence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after congletion of the applicable service. In no event shall Cardinal be fable for incidental or consequential damages, including, without furnitions, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, effiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such daim is based too one not file where stated resoons or otherwise. Results relate only to the samples identified above, its report shall not be reproduced except in full with written approval of Cardinal laboratories.

Celeg D. Keene

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) 393-2476	, NM 88240	ORIES	÷

Company Name: BBC	BBC International, Inc.	100000	選びのは対策 ・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・				グラグ スロのこので	ָ ייי	
	Cliff Brunson	סי	P.O. #:						
Address: P.O. Box 805	G,	C	Company:	i					
city: Hobbs	State: NM Zip:	88241	Attn:						
Phone #: 575-397-6388	~~		Address: \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\				<u> </u>		:
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Sampler - UPS - Bus - Other:

Delivered By: (Circle One)

Relinquished By:

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

Relinquished By	service. In no event shall Ge affiliates or successors arein	PLEASE NOTE: Linkilly an	8	1.7	عا	ū	ا	ũ	17	=	CLIGGEN				FOR LAB USE ONLY	Sampler Name:	Project Location:	Project Name:	Project #:	Phone #: 575-397-6388	city: Hobbs	Address: P.O. Box 805	Project Manager:	Company Name:	
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QU.	without imitation, business interruptions g without imitation, business interruptions around in a continuation of whether such obtain	im arising whether based in contrac	7	7	7	7	7	<u> </u>	S	<	GRO	TEW	NERS WATER ATER	₹	MATRIX			2 0	oxu v	7-0397	o: 88241				
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#26

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

Time:

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Azteo, 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

				*****		OPERA'	TOR		🔯 Initi	al Report		Final Repor
Name of Co	mpany	Oxy Permia	n Ltd.			***************************************	CJ Summers					
		tanolind Rd		NM		Telephone i	No. (575) 397	7-8216	·			
Facility Nat	ne Pure	Gold A Fed	eral #2 B	attery		Facility Typ	e Gathering					
Surface Ow	ner BLi	М		Mineral C)wner	······································			Lease 1	No. NM 38	464	
				LOCA	ATIO	N OF RE	LEASE	,				
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/W	est Line	County		
м	21	238	31E							Eddy		
				Latitude <u>N 32,2</u>	28428°	Longit	ude <u>W 103,790</u> 0	<u>Q5</u>				
				NAT	URE	OF REL	EASE					
Type of Rele		nd Produced v					Release 15 bb 0.5 bb/s skim oil	İs	Volume F	Recovered	7 bbls	
			ke on wat	er transfer pump		2/08/13	lour of Occurrence	×8	Date and	Hour of Dis	COVERY	
Was Immedia	ite Notice C		Yes [No Not Re	equired	If YES, To Mike Brate	Whom? cher- OCD; James	Amos &	. Jennifer	Van Curen-	BLM	
By Whom?	Chancey S	Summers				Date and I-	iour 2/11/13 @	7:29 am				
Was a Watere	ourse Reac		Yes 🛭	No			lume Impacting t				·- <u></u> , · ·	
If a Watercou	rse was Im	pacted. Descri	ibe Fully.			ــــــ				······································		
		,		•								
Describe Cause of Problem and Remedial Action Taken.*												
Flex coupling via vacuum tr				d caused 15 bbls	of water	and 0.5 bbl o	of skim oil to leak	onto the	ground, '	V bble of flui	id were	recovered
Describe Area	Affected a	ind Cleanup A	action Tak	cu.*			<u></u>		·			
				d caused 15 bbls								
via vacuum tri	ick, The et	oupling was n	epaired. I	lemediation will b	e pertor	ined in accor	dance with an OC	CD and B	LM appro	ved ramedia	ation pl	an.
				is true and compl								
				d/or file certain re e of a C-141 repor								
				investigate and re								
or the environ federal, state,	ment. In 8d	dition, NMO	CD accep	tance of a C-141 r	eport do	es not relieva	s the operator of r	esponsib	ility for co	ompliance w	ith any	other
reactor, and the	V. Toval Jan	a much usen	- made	······································			OIL CONS	SERVA	TION	DIVISIO	N	
Signature:			$ egthinspace{-1pt}$	- -								
			7			approved by	District Supervise	or;				
Printed Name:	Chance	y Summers										
Title: HES	Specialist				A	pproval Date	e:	Es	epiration (Date:		
E-mail Addres	s: Chanc	cy.Summers	Фоху.соп		c	Conditions of	Approval:			Attached		
Date: -	3-13	2-13	Pho	ne: (575) 397-821	6					<u> </u>		

^{*} Attach Additional Sheets If Necessary

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.
Sunta Fe. NM 87505

Form C-141 Revixed October 10, 2003

Submit 2 Copies to appropriate District Office in accordance with Rule 116 on back side of form

Santa Fe, NM 87505 Release Notification and Corrective Action **OPERATOR** Initial Report Final Report Oxy Permian Ltd. Name of Company 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 Range Feet from the North/South Line | Feet from the County Township East/West Line M 21 238 660 Eddy 31E South 330 West Latitude N 32.28428° Longitude W 103.79005 NATURE OF RELEASE Type of Release Oil Volume of Release Volume Recovered 0 bbls 15 bbls Source of Release Tank overflow Date and Hour of Discovery Date and Hour of Occurrence 3/5/2013 Was Immediate Notice Given? If YES, To Whom? Yes No Not Required 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? If YES, Volume impacting the Watercourse. ☐ Yes ⊠ No 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 receptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: Printed Name: Chancey Summers Title: HES Specialist Expiration Date: Approval Date: E-mail Address: Chancey, Summers@oxy.com Conditions of Approval: Attached 🔲

-12-13

Phone: (575) 397-8216

^{*} Attach Additional Sheets If Necessary