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.

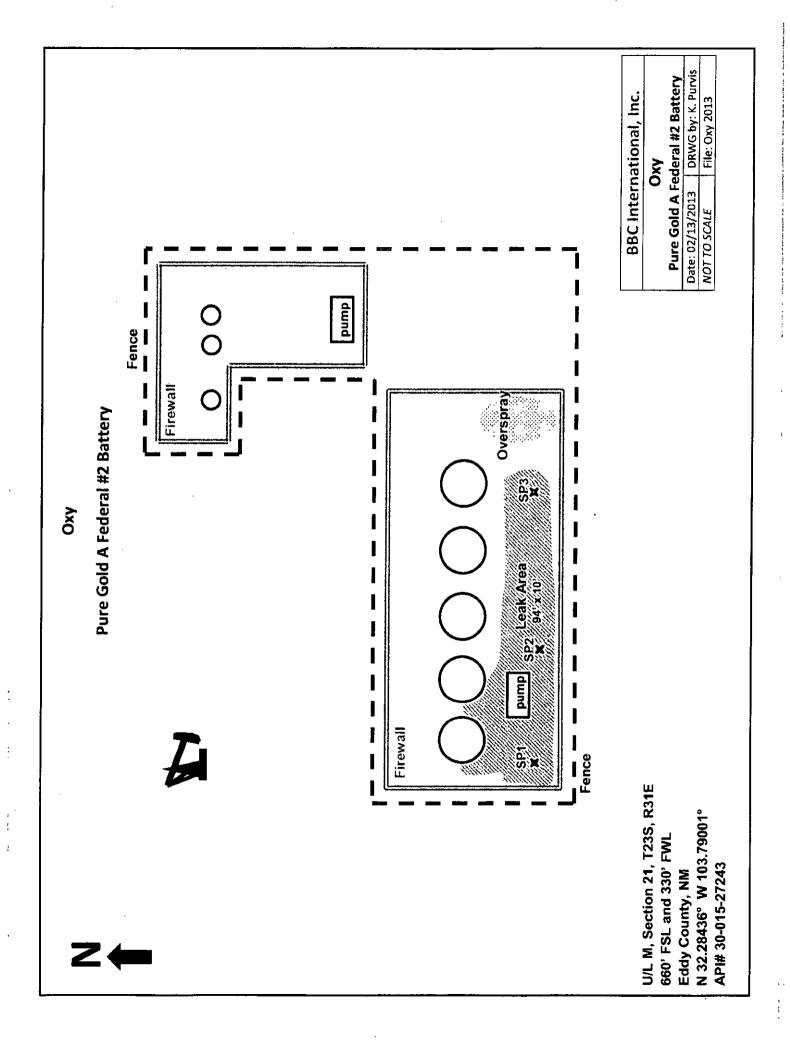
If you would please e-mail your concurrence with this remediation plan, it would be greatly appreciated.

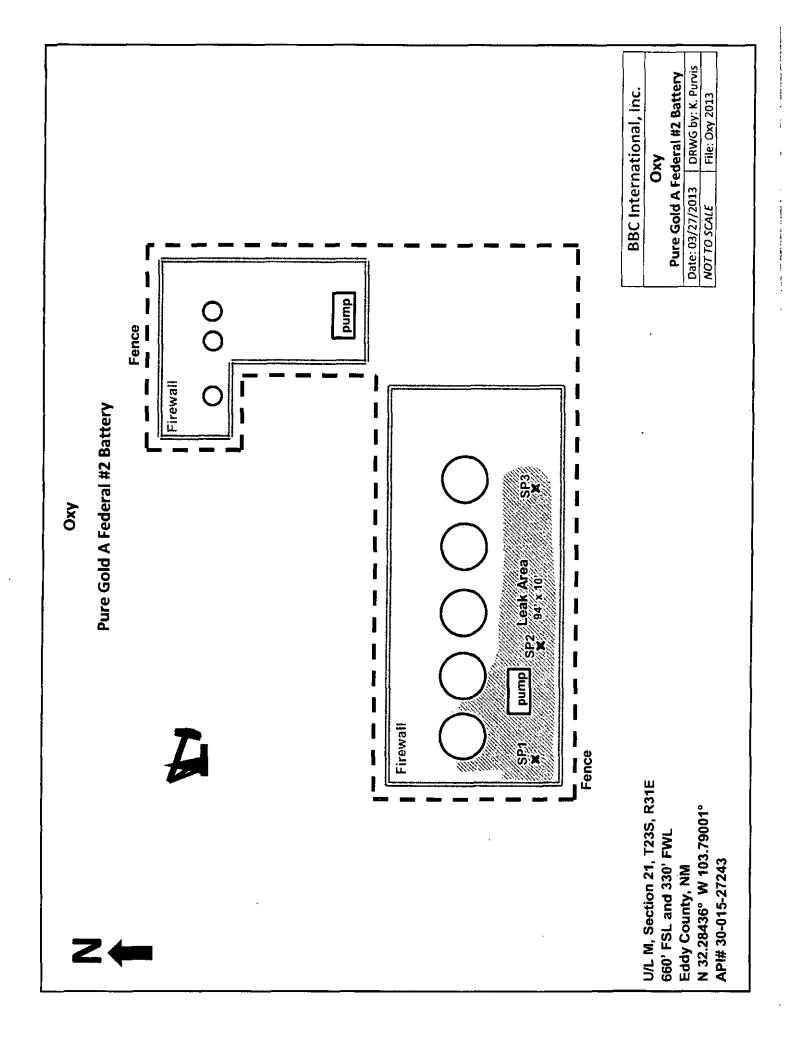
Thanks, Cliff

Cliff P. Brunson, CEI, CRS
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Laboratory Analytical Results Summary Pure Gold A Federal #2

		Sатрю	SURFACE	SP1 @ 1	SP1.@2	SP1 @ 3.	.≯@ i√s
Analyte	Method	Date	2/26/13	2/26/13	2/26/13	2/26/13	2/26/13
			₹ BX/6m≥/	⊊ буувш	🚎 вуубш, -	Baybu ;	™g/Kg №
Benzene	BTEX 8021B		3.46	e/u		e/u	n/a
Toluene	BTEX 8021B		16.9	e/u	<0.050	e/u	n/a
Ethylbenzene	BTEX 8021B		16.7	e/u	<0.050	e/u	n/a
Total Xylenes	BTEX 8021B		51.9	e/u	<0.150	e/u	n/a
Total BTEX	BTEX 8021B		83	e/u	<0.300	e/u	n/a
Chloride	SM4500CI-B		816	1040	336	08	144
GRO	TPH 8015M		3600	ė/u	<10.0	e/u	u/a
DRO	TPH 8015M		25400	n/a	18.6	u/a	n/a

		Sample	SP2 @ SURFACE	SP2 @ 1'	SP2 @ 2'.	.E@ ZdS	SP2 @ 4
Analyte	Method	Date	2/26/13	2/26/13	2/26/13	2/26/13	2/26/13
			* mg/Kg	* mg/kg	∰ By/Bw	S By/Bus	₩ mg/Kg
Benzene	BTEX 8021B		3.05	n/a	<0.050	e/u	n/a
Toluene	BTEX 8021B		16.1	n/a	<0.050	e/u	п/а
Ethylbenzene	BTEX 8021B		16.6	n/a	<0.050	e/u	n/a
Total Xylenes	BTEX 8021B		46	n/a	<0.150	u/a	u/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	n/a	n/a
DRO	TPH 8015M		22700	n/a	18.3	n/a	n/a

			600				L
		Sample	SURFACE	SP3 @ 1.	SP3 @ 2'	SP3 @ 3'	SP3 @ 4'
Analyte	Method	Date	2/26/13	2/26/13	2/26/13	2/26/13	2/2/6/13
			Mimg/Kg k.	≨ mg/Kg ∿	″ mg/Kg ∜	∦ gy/6w //	₩ mg/Kg
Benzene	BTEX 8021B		2.78	n/a	<0.050	e/u	n/a
Toluene	BTEX 8021B		12.8	n/a	<0.050	e/u	n/a
Ethylbenzene	BTEX 8021B		12.8	n/a	<0.050	u/a	e/u
Total Xylenes	BTEX 8021B		34.3	n/a	<0.150	e/u	e/u
Total BTEX	BTEX 8021B		62.7	n/a	<0.300	u/a	e/u
Chloride	SM4500CI-B		864	7120	416	96	144
GRO	TPH 8015M		3620	n/a	<10.0	e/u	e <i>j</i> u
DRO	TPH 8015M		26300	n/a	26.4	u/a	n/a

Laboratory Analytical Results Summary Pure Gold A Federal #2

Analyte Nethod Date azmis azmis			Sample	SP1.00.1	SP1 @ 2"	SP1 @ 3'	SP1@5.	3P1 @ T	ŞP1@9
BTEX 8021B 2.97 0.050 0.177 0.050 BTEX 8021B 13.6 0.106 0.066 1.95 0.050 BTEX 8021B 14.5 0.122 0.395 4.6 0.204 BTEX 8021B 14.5 0.122 0.395 4.6 0.204 BTEX 8021B 41.3 0.35 0.896 11.8 0.492 Columbia	Analyte	Method	Date	3/27/13	3/27/13	3/27/13	3/27/13	3/28/13	3/28/13
BTEX 8021B 2.97 < 0.050				* mg/Kg &	∰ gy/gm 🚜	Mg/Kg 🖄	S By/But		ang/Kg
ETEX 8021B 13.6 0.106 0.066 1.95 sine BTEX 8021B 14.5 0.122 0.395 4.6 PIEX 8021B 41.3 0.35 0.896 11.8 IX BTEX 8021B 72.3 0.578 1.36 18.6 SM4500Cl-B <16.0	Benzene	BTEX 8021B		2.97	<0.050	<0.050	0.177	<0.050	<0.050
Enne BTEX 8021B 14.5 0.122 0.395 4.6 PIEX 8021B 41.3 0.35 0.896 11.8 IX BTEX 8021B 72.3 0.578 1.36 18.6 SM4500Cl-B <16.0	Toluene	BTEX 8021B		13.6	0.106	990.0	1.95	<0.050	<0.050
STEX 8021B 41.3 0.35 0.896 11.8 SX BTEX 8021B 72.3 0.578 1.36 18.6 SM4500Cl-B <16.0 <16.0 <16.0 <16.0 TPH 8015M 4710 <10.0 80.5 751 TPH 8015M 12000 28.6 1140 4760	Ethylbenzene	BTEX 8021B		14.5	0.122	0.395	4.6	0.204	<0.050
X BTEX 8021B 72.3 0.578 1.36 18.6 SM4500Cl-B <16.0 <16.0 <16.0 <16.0 TPH 8015M 4710 <10.0 80.5 751 TPH 8015M 12000 26.6 1140 4760	Total Xylenes	BTEX 8021B		41.3	0.35	968.0	11.8	0.492	<0.150
SM4500Cl-B <16.0	Total BTEX	BTEX 8021B		72.3	0.578	1.36	18.6	969.0	<0.300
TPH 8015M 4710 <10.0	Chloride	SM4500CI-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
TPH 8015M 12000 26.6 1140 4760	GRO	TPH 8015M		4710	<10.0	80.5	751	<50.0	<10.0
	DRO	TPH 8015M		12000	26.6	1140	4760	892	101

Analyte		Sample	SP2@1	SP2@Z	SP2 @ 3'	SP4 (8)	SP2 @ 7	SP2 @ 9'
	Method	Date	3/27/13	3/27/13	3/27/13	327/13	3/28/13	3/ZB/13
			🦠 mg/Kg 🖟	1 mg/Kg		* mg/kg her A	学 mg/Kg 家	Symg/Kg.
Benzene BTEX	BTEX 8021B		2.21	<0.050	<0.050	0.452	<0.050	<0.050
Toluene BTEX	BTEX 8021B		15.1	0.117	0.404	1.82	<0.050	<0.050
Ethylbenzene BTEX	BTEX 8021B		19.4	0.144	1.09	3.72	0.062	<0.050
Total Xylenes BTEX	BTEX 8021B		53.9	0.406	2.67	9.07	0.177	<0.150
Total BTEX BTEX	BTEX 8021B		90.6	0.667	4.16	15.1	<0.300	<0.300
Chloride SM45	SM4500CI-B		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO TPH 8	TPH 8015M		3910	<10.0	337	583	<50.0	<10.0
DRO TPH 8	TPH 8015M		11300	268	2300	3960	530	101

,		Sample	SP3@1.	SP3 @ 2"	.Sb3 @ 3.	SP3 @ 5.	SP3 @ 7"	SP3 @ 9'
Analyte	Method	Date	3/27/13	3/27/13	3/27/13	3/27/13	3/28/13	3/28/13
			* mg/Kg	∯ mg/Kg .∵	" mg/Kg	A mg/kg 3	# 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	990'0	<0.050
Total Xylenes	BTEX 8021B		51.1	0.528	0.434	6.07	0.169	<0.150
Total BTEX	BTEX 8021B		90.4	906'0	0.647	96.6	<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	7.0.7	329	<10.0	<10.0
DRO	TPH 8015M		11600	266	698	2460	462	71.1

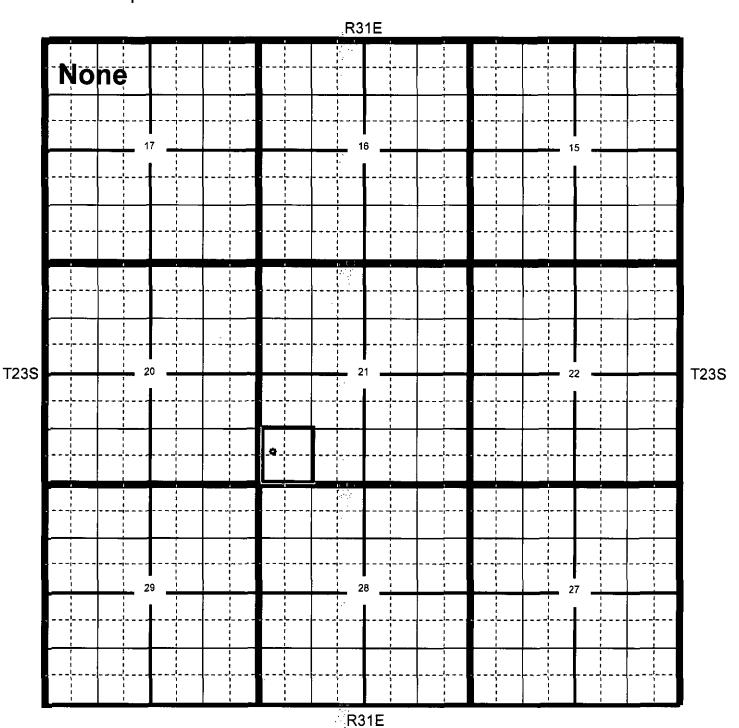


Groundwater Plot

Oxy Pure Gold A Federal #2

CountyUnit LetterSectionTownshipRangeEddyM2123S31E

Trend Map 150'



♣ Location

• OCD

USGS

o SEO

All Databases



Section Quarters

Oxy Pure Gold A Federal #2 Battery

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

Trend Map 150'

1

NW/NW	NE/NW	NW/NE	NEŽNE
None			
Unit Letter D	Unit Letter C	Unit Letter B	Unit Letter A
SW/NW	SE/NW	SW/NE	SE/NE
Unit Le t ter E	Unit Letter F	Unit Letter G	Unit Letter H
NWYSW	NE/SW	NWYSE	NESE
Unit Letter L	Unit Letter K	Unit Letter J	Unit Letter I
SWISW	SE/SW	SW/SE	SE/SE
•			
Unit Letter M	Unit Letter N	Unit Letter O	Unit Letter P

3

 ♣ 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/ga/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: Reported:

02/27/2013

03/07/2013

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

Project Location:

NONE GIVEN

Sampling Date:

sampling Date:

02/26/2013

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

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

8TEX 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 (PIL	339 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	816	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	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 5	65.2-14	0						
Surrogate: 1-Chlorooctadecane	802 9	% 63.6-15	4						

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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Celeg & Kerne



BBC International, Inc.

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

Fax To:

(575) 397-0397

Received:

02/27/2013

Sampling Date:

02/26/2013

Reported:

03/07/2013

Sampling Type:

Soil

Project Name:

PURE GOLD A FED #2

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

Sample ID: SP 1 @ 2' (H300512-03)

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 (PIL	125 5	% 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	336	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	18.6	10.0	03/01/2013	ND	224	112	200	18.0	
Surrogate: 1-Chlorooctane	100	% 65.2-14	0				· #		
Surrogate: 1-Chlorooctadecane	111 5	63.6-15	4						

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

Chloride, SM4500CI-B	mg/	kg	Analyze	d 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	

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene



BBC International, Inc. Cliff Brunson P.O. Box 805

Hobbs NM, 88241

Fax To: (575) 397-0397

Analyzed

Received:

Chloride, SM4500Ci-B

02/27/2013

Reported:

03/07/2013

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

Project Location:

Analyte

NONE GIVEN

mg/kg

Reporting Limit

Result

Sampling Date:

Sampling Type:

% Recovery

02/26/2013

Soil

True Value QC

Sampling Condition:

Cool & Intact

RPD

Qualifier

Sample Received By:

Jodi Henson

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

						•		-
144	16.0	03/04/2013	ND	416	104	400	0.00	
H300512	-06)							
mg/	kg	Analyze	d By: AP					S-04
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
3.05	0.200	03/04/2013	ND	1.98	98.9	2.00	2.34	
16.1	0.200	03/04/2013	ND	2.10	105	2.00	1.71	
16.6	0.200	03/04/2013	ND	2.11	106	2.00	1.41	
46.0	0.600	03/04/2013	ND	6.39	106	6.00	1.43	
81.7	1.20	03/04/2013	ND					
371 9	6 89.4-12	6						-
mg/	kg	Analyze	d By: DW					
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
1280	16.0	03/04/2013	ND	416	104	400	0.00	
mg/	kg	Analyze	d By: MS					5-06
Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifie
3120	100	03/01/2013	ND	227	114	200	15.8	
22700	100	03/01/2013	ND	224	112	200	18.0	
281 %	65.2-14	0	•••	_				
757 9	% 63.6-15	4						
	Result 3.05 16.1 16.6 46.0 81.7 371 9 mg/ Result 1280 mg/ Result 3120 22700	Result Reporting Limit 3.05 0.200 16.1 0.200 16.6 0.200 46.0 0.600 81.7 1.20 371 % 89.4-12 mg/kg Result Reporting Limit 1280 16.0 mg/kg Result Reporting Limit 1280 100 22700 100	Result Reporting Limit Analyzed 16.1 0.200 03/04/2013 16.6 0.200 03/04/2013 16.6 0.200 03/04/2013 16.6 0.200 03/04/2013 16.7 1.20 03/04/2013 371 % 89.4-126 mg/kg Analyzed Result Reporting Limit Analyzed 1280 16.0 03/04/2013 mg/kg Analyzed Result Reporting Limit Analyzed 1280 16.0 03/04/2013 Result Reporting Limit Analyzed 3120 100 03/01/2013 22700 100 03/01/2013	Analyzed By: AP	Result Reporting Limit Analyzed Method Blank BS 3.05 0.200 03/04/2013 ND 1.98 16.1 0.200 03/04/2013 ND 2.10 16.6 0.200 03/04/2013 ND 2.11 46.0 0.600 03/04/2013 ND 6.39 81.7 1.20 03/04/2013 ND 6.39 81.7 1.20 03/04/2013 ND 371 % 89.4-126 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 22700 100 03/01/2013 ND 224	Analyzed By: AP Result Reporting Limit Analyzed Method Blank BS % Recovery 3.05 0.200 03/04/2013 ND 1.98 98.9 16.1 0.200 03/04/2013 ND 2.10 105 16.6 0.200 03/04/2013 ND 2.11 106 46.0 0.600 03/04/2013 ND 2.11 106 46.0 0.600 03/04/2013 ND 6.39 106 81.7 1.20 03/04/2013 ND 371 % 89.4-126 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: MS Result Reporting Limit Analyzed Method Blank BS % Recovery 3120 100 03/01/2013 ND 227 114 22700 100 03/01/2013 ND 224 112	Result Reporting Limit Analyzed By: AP	Result Reporting Limit Analyzed By: AP

Analyzed By: DW

Method Blank

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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:

Chloride, SM4500CI-B

02/27/2013

Reported:

03/07/2013

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

Project Location:

NONE GIVEN

mg/kg

NOT GIVEN

Sampling Date:

02/26/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

Analyzed By: DW

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

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' (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
3enzene*	<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 5	% 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	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 :	% 65.2-14	0			-			
Surrogate: 1-Chlorooctadecane	108	% 63.6-15	i.d						

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PLEASE NOTTE: Usbrilly and Damages. Cardinal's Nabity and Others's exclusive remedy for any claim arising, whether based in contract or tort, shall be finited to the amount paid by client for enabyses. All claims, including those for negligence and any other cause whatsoers shall be deemed waked unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In one event shall Cardinal be labeled in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In one event shall Cardinal be labeled in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In one event shall Cardinal be labeled or consequential dair including, without finitiation, business interruptions, loss of youth or foother than the performance of the services hereunder by Cardinal, regardless of whether claim is based upon any of the above stated reasons or otherwise. Results refer only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keine



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:

Analyte

Analyte

NOT GIVEN

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: DW

Analyzed

% Recovery

True Value QC

Chloride

Result 80.0

16.0 03/04/2013

Reporting Limit

Reporting Limit

ND

Method Blank

ND

BS 416

104

400

RPD 0.00 Qualifier

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

Chloride, SM4500CI-B

mg/kg

Analyzed By: DW

Analyzed Method Blank BS

True Value QC % Recovery

104

RPD

Qualifier

Chloride

Result

144

03/04/2013 16.0

416

400

0.00

*=Accredited Analyte Cardinal Laboratories

PLEASE NOTE: Liability and Damages. Cardinal's liability All claims, including those for registence and

Celey D. Keene, Lab Director/Quality Manager

Celey D. Keene

Page 6 of 12



BBC International, Inc. **Cliff Brunson**

P.O. Box 805 Hobbs NM, 88241

(575) 397-0397 Fax To:

Received: Reported: 02/27/2013

03/07/2013

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

Project Location:

NOT GIVEN

Sampling Date:

02/26/2013

Soil

Sampling Type:

Sampling Condition: Sample Received By: Cool & Intact

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 (PIC	504 9	% 89.4-12	6							
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BŞ	% 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	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 9	65.2-14	0							
Surrogate: 1-Chlorooctadecane	898 9	63.6-15	4							

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

Chloride, SM4500Cl-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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any other cause wherever shall be deemed walved, unless made in writing and received by Cardinal be liable for incidental or consequential dam 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

Celuy D. Kerne



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 Number: Project Location:

Project Name:

NONE GIVEN NOT GIVEN

Sampling Date:

02/26/2013

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

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

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	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	% 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	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	% 63.6-15	4						

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

Chloride, SM4500CI-B	mg/	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	

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Celey D. Keene



BBC International, Inc.

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

(575) 397-0397 Fax To:

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: Project Location: NONE GIVEN

Sample Received By:

Jodi Henson

NOT GIVEN

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

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



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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Cley D. Keine

CARDINAL

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

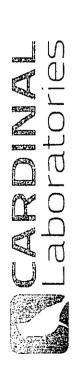
C'fe!	ANALYSIS REQUEST																			
	*BILL TO				Same.		Zip:			V. SAMPLING	ОТНЕВ: - 1)	V 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0,477	26.13.1000 11 11	226/7-115	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	22673 12/91	24 6 1248 2 1	7	1525 1.22
240 76.		P.O. #:	Company	Zip: A. C. VE? Attn:	13676367	C.K.S.	00	Phone #:	Fax #:	MATRIX PRESERV	(G)RAB OR (C)OMP. # CONTAINERS SOIL OIL OIL OTHER:									
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476	BR Statemen	Chi Bures	1.13	State: 16.0	688 S	Project Owner:	QIK (1-24 A F.		インオース		Sample I.D.	Silver Collection			S. 3.	O Salle	7/5/	2. 2	, M. 19	(2)
·+ 3	Company Name:	Project Manager:	Address: 1.324	City:	#	Project #:	Project Name:	Project Location:	Sampler Name:	FOR TABLISE ONLY	Lab I.D.			1	<u>デ</u> マ)	12/		<u>V</u>	3	10 1

PLEASE NOTE, Library and Damippas, Coulombs for face passistance may for form of an antiday and Damippas, Coulombs for an antiday and antiday and an antiday and an antiday and antiday and an antiday and antiday antiday antiday and antiday antid

Time: Sample Condition CHECKED BY: Cool Juster: Cool Ju
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† Cardinal cannot accept verbal changes. Please fax written changes to (\$75).393-2226

Page 11 of 12



101 East Marland, Hobbs, NM 88240

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

1														:	: "							Page 12 of 12
- 1	ANALYSIS REQUEST													STATE OF THE PROPERTY OF THE P				lo Add'l Pax#:				
1	W. 18 16 16 16 16 16 16 16 16 16 16 16 16 16	P,O.#.	Сотрапу:	Attn:	Address:	City:	State: Zip:	Phone #:	Fax #:	HER: \ COOL D\8∀SE:	ICE VCI	1	, b-	1 506 53 052 1			and, state or entire to revenie to the state of the state	Phone Result: C Yes C No Fax Result: C Yes C No Fax Result: C Yes C No Processing C Yes C No Processing C Yes C No Processing	(COMPANY)		CHECKED BY:	75) 39 \$23.26
(575) 393-2326 FAX (575) 393-2476	The Samuel of the same			State: 11/121p: 55240	Fax#:		ed 1 F 2		termond	APB OR (Ĉ)OMP.	SEL SOIL SOIL SOIL SOIL SOIL SOIL SOIL SOI	in the same of		200			1,EASE OIL LIGHTS AND EXAMPLE CANNOWS WHICH THE THE THE THE THE THE THE THE THE TH	Relinquished By: Relinquished By: Received By:	Date: Repaired By:	Time:	Sample Condition	† Cardinal cannot accept verbal changes. Please fax written changes to (575) 399,2326
(575) 393-2326 F,	Company Name:	.	Address:	City:	Phone #:	Project #:	Project Name:	Project Location:	Sampler Name: FOLK	FOR LAB US: Sample 1.D.	H300512	5	12	700			- LEASE WILL LIABLES AND TRANSPER, CARRIER EARNES ETES ETES RECENTED REGENTLY FOR SAME ARREST WENTER. THE SET IN A MASSIVE AND A MASSIVE AND AND A MASSIVE AND	Relinquished By:	Relindershed Bv:		Delivered By: (Circle One) Sampler - UPS - Bus - Other:	† Cardinal cannot accept verb



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 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. Keens

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:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/k	9	Analyze					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	ND 2.32		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 %	89.4-12	6						
Chloride, SM4500CI-B	mg/k	.	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/k	g	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 %	63.6-15	4					•	

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Celey & Keene



BBC International, Inc. Cliff Brunson P.O. Box 805

Hobbs NM, 88241

Fax To: (575) 397-0397

Received:

04/02/2013

Sampling Date:

03/27/2013

Reported:

04/08/2013

Sampling Type:

Project Name:

PURE GOLD A FED #2

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/	kg	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*	0.106	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		% 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	26.6	10.0	04/02/2013	ND	198	99.2	200	7.84	
Surrogate: 1-Chlorooctane	86.3	% 65.2-14	10						
Surrogate: I-Chlorooctadecane	112 9	% 63.6-15	4						

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Celey D. Kura

Celey D. Keene, Lab Director/Quality Manager

Page 3 of 22



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: Project Number:

PURE GOLD A FED #2

Project Location:

NONE GIVEN

Sampling Date:

Sampling Type:

03/27/2013

Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

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

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*	0.066	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, 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	Anatyze	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	10						 -
Surrogate: 1-Chlorooctadecane	134 9	% 63.6-15	14						

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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:

03/27/2013

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		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	% 89.4-12	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	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	% 65.2-14	10	-			<u> </u>			
Surrogate: 1-Chlorooctadecane	194	% 63.6-15	i.a							

Surrogate: 1-Chlorooctadecane

63.6-154

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Hobbs NM, 88241

Fax To:

(575) 397-0397

Received:

04/02/2013

Sampling Date:

03/28/2013

Reported:

04/08/2013

Sampling Type:

Soil

Project Name:

PURE GOLD A FED #2

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/	kg	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 (PIC	159 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	<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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	123 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

Project Location:

NONE GIVEN

Sampling Date:

03/28/2013

Sampling Type:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

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	Qualifier
Benzene*	<0.050	0.050	04/04/2013	ND	2.02	101	2.00	0.606	
Toluene*	< 0.050	0.050	04/04/2013	ND	2.23	112	2.00	0.756	
Ethylbenzene*	< 0.050	0.050	04/04/2013	ND	2.32	116	2.00	0.556	
Total Xylenes*	<0.150	0.150	04/04/2013	ND	6.90	115	6.00	0.229	
Total BTEX	<0.300	0.300	04/04/2013	ND					
Surrogate: 4-Bromofluorobenzene (PIC	109 9	6 89.4-12	6						
Chloride, SM4500CI-B	mg/	kg	Analyze	d 8y: 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	<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	99.89	% 65.2-14	0	···•					
Surrogate: 1-Chlorooctadecane	120 9	63.6-15	4						

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Received: Reported: 04/02/2013

04/08/2013

Project Name:

PURE GOLD A FED #2

Project Number: Project Location: NONE GIVEN

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/(«g	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 (PIL	681 %	89.4-12	6						· · · · · ·
Chloride, SM4500C1-B	mg/j	vg	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/	(g	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	0						
Surrogate: 1-Chlorooctadecane	338 %	63.6-15	4						

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Sampling Date:

03/27/2013

Reported:

04/08/2013

Sampling Type:

Project Name:

PURE GOLD A FED #2

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/	kg	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	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 9	% 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					
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 9	65,2-14	10						_
Surrogate: 1-Chlorooctadecane	131 9	63.6-15	ī4						

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Received: Reported: 04/02/2013

04/08/2013

Project Name:

PURE GOLD A FED #2

Project Number: Project Location: NONE GIVEN **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	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 (PIC	247 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	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 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	144 9	% 63,6-15	4						

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Received:

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Reported:

04/08/2013

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

Project Location:

NONE GIVEN

Sampling Date:

Sampling Type:

03/27/2013

pe:

Soil

Sampling Condition: Sample Received By: Cool & Intact

Jodi Henson

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

BTEX 8021B	mg/	kg	Analyzed 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 (PIC	517 9	% 89.4-12	6						
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: DW					<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					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 9	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	179	% 63.6-15	4						

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Received:

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Sampling Date:

03/28/2013

Reported:

04/08/2013

Sampling Type:

Soil

Project Name:

PURE GOLD A FED #2

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/	kg	Analyze	d By: AP				<u> </u>	
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 (PIL	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	<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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	124 9	% 63.6-15	4						

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Received:

04/02/2013

03/28/2013

Reported:

04/08/2013

Sampling Date: Sampling Type:

Soil

Project Name:

PURE GOLD A FED #2

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/	kg	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, 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	93.8	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	118 9	63.6-15	4						

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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 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 (PIC	374	% 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					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	0						
Surrogate: 1-Chlorooctadecane	343	% 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: Reported: 04/02/2013

04/08/2013

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

Project Location:

NONE GIVEN

Sampling Date:

pling Date:

03/27/2013

Sampling Type:

Soil

Sampling Condition:

Cool & Intact

Sample Received By:

Jodi Henson

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 (PIL	132 5	% 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			<u> </u>		
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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	112 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:

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					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 9	% 89.4-12	6						
Chloride, 5M4500CI-B	mg/	'kg	Analyze	d By: DW			<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	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	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	% 65.2-14	0						
Surrogate: 1-Chlorooctadecane	1149	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:

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	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 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	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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any other cause whatsoever shall be deemed 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 lable for incidential or consecutively, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successions arising out of or related to the performance of the services hereunder by Cardinal, reported

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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:

03/28/2013

Reported:

04/08/2013

Sampling Type:

Soil

Project Name:

PURE GOLD A FED #2

Sampling Condition:

Cool & Intact

Project Number:

NONE GIVEN

Sample Received By:

Jodi Henson

Project Location:

NOT GIVEN

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

BTEX 8021B	mg/	kg	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 (PIE		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	<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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BBC International, Inc. Cliff Brunson P.O. Box 805 Hobbs NM, 88241

Fax To: (575) 397-0397

Received: Reported: 04/02/2013

04/08/2013

PU

PURE GOLD A FED #2 NONE GIVEN

Project Number: Project Location:

Project Name:

NOT GIVEN

Sampling Date:

Sampling Type:

Sample Received By:

03/28/2013

Soil

Sampling Condition:

Cool & Intact

Jodi Henson

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

BTEX 8021B	mg/	kg	Analyze	d By: AP		<u>.</u>			
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 %	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	71.1	10.0	04/03/2013	ND	199	99.6	200	3.61	
Surrogate: 1-Chlorooctane	95.19	65.2-14	0	<u>-</u> .					
Surrogate: 1-Chlorooctadecane	1149	63.6-15	4						

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Celey D. Keine



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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

ompany Name	Company Name: BBC International, Inc.			1		Γ			STATE OF	2		計畫	·		`	Į	YSIS	ANALYSIS REQUEST	UEST	l.			Γ
ect Manager	Project Manager: Cliff Brunson		-				P.O.#:	#											-	-		-	Г
Address: P.O. Box 805	Box 805	· ·					S	Company:					- '		-	-,		ē	•			• .	
City: Hobbs	State: NM	WM Zip		88241			Attn:						٠.						<u>. ·</u>			•	
Phone #: 575-397-6388		575-39		16			Addr	Address:	NOS					:						·			
Project #:		Project Owner: 6)Xd				City:) a - 2.	:					,		•					
Project Name:	PURE GOID A FED # 2	(# d	ه ح				State:		Zip:								٠.		,				
Project Location:							Phone #:	1e #:							•				•				
Sampler Name:	RAGED HERNANDEZ	707					Fax#:	**				,						. :					_
FOR LAB USE ONLY		-	Ľ		MATRIX	×	-	PRESERV		SAMPLING	ڻ								-				
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Delivered By: (Circle One)

† Cardinal cannot accept verbal changes. Please fax written changes

50

Sampler - UPS - Bus - Other:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

101 East Marland, Hobbs, NM 88240

ARDINAL LABORATORIES

REQUEST ANALYSIS 17.04 Zip: Company: Address: CE I COOF Phone #: P.O. # State: /CID/BY2E Affin: City ЯЭНТО ar nde E IIOS Zip: 88241 **MASTEWATER** Fax #: 575-397-0397 **ВЕТАМОИЛОЯ** ₹ , A FED# 505) 393-2326 FAX (505) 393-2476 Project Owner: Rocer Hernandez State: NM Company Name: BBC International, Inc. Sample I.D. PURE GALD Project Manager: Cliff Brunson Address: P.O. Box 805 Phone #: 575-397-6388 Project Location: Sampler Name: S Project Name: city: Hobbs FOR LAB USE ONLY Lab I.D. Project #:

Phone Result: Fax Result: REMARKS; Time: cerordes Sampler · UPS · Bus · Other: Delivered By: (Circle One) Relinquished By: Pages +

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

426

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

			Kei	ease Noune	CARIO	n and Co	orrective A	ction	Į.			
						OPERA'	TOR		🛛 Initi	al Report_		Final Repor
Name of Co	mpany	Oxy Permia	n Ltd.			Contact C						
		tanolind Rd,	Hobbs, 1	MM		Telephone i	No. (575) 397	-8216	· 			
Facility Nar	ne Pure	Gold A Fed	eral #2 B	attery		Facility Typ	e Gathering					
Surface Ow	ner BLI	<u></u>		1.6	· · · · · ·					f. 307.00	404	
C Surrace Ow	ner BL	AT .		Mineral C	wner				rease t	Vo. NM 38	404	
				LOCA	TIO	N OF REI	LEASE					
Unit Letter	Section	Township	Range	Feet from the		/South Line	Feet from the	East/V	est Line	County		······································
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Type of Relea	ase Oiler	nd Produced v	valer	1071	OIGE	Volume of		la l	Volume i	Recovered	7 bbls	
							0.5 bbls skim oil	1	, , , , , , , ,			
Source of Rel	ease Flex	Coupling bro	ke on wat	er transfer pump		Date and H	lour of Occurrenc	×8	Date and	Hour of Dis	covery	
						2/08/13						
Was Immedia	ite Notice C		Vac 🗀	No 🔲 Not Re	المسايين	If YES, To	: Whom? :her- OCD: James			V /\	Dr M	
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By Whom?	Chancey S				,	Date and H	lour 2/11/13@	7:29 an	}			
Was a Watere	course Reac						lume Impacting I					
}			Yes 🏻	No		1						
If a Watercou	rse was Im	nacted, Descri	be Fully.*				······································					
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Describe Caus	se of Proble	m and Remed	lini Action	Taken *								
Descript Call	, , , , , , , , , , , , , , , , , , , ,	and and reality	IIII I KOHOL	14(0())								
Flex coupling	on a water	transfer pump	broke an	d caused 15 bbls o	of water	and 0.5 bbl o	f skim oil to leak	onto the	ground.	7 bbls of flui	id were	recovered
via vacuum tri	uck. The co	oupling was re	spaired.									
Describe Area	A Contact of	- d (Classica A	adaa Tal		<u>.</u>		·.·					
Describe Area	Allected 8	un Olemurb w	COON 1880	car."								
Flex coupling	on a water	transfer pung	broke and	i caused 15 bbls o	f water	and 0.5 bbl o	f skim oil to leak	onto the	ground.	7 bbls of flui	id were	recovered
via vacuum tn	ick. The co	supling was re	paired. R	emediation will b	с регіон	nned in accor	dance with an OC	D and E	LM appro	ved remedia	tion pla	un.
						····						,
I hereby certif	y that the in	iformation giv	ven above	is true and compli d/or file certain re	eto to th	e best of my!	knowledge and m	nderstan	d that purs	uant to NMC	OCD ru	les and
public health o	operators a or the enviro	ne required to nament. The	eccentance	of a C-141 repor	those in	NMOCIS an	ru perioriii correci irked as "Final Re	nve son	ms tur rek es not reli	eve the oner	stor of	linhility
should their of	perations ha	ve failed to a	dequetely	investigate and re	mediate	contaminatio	on that pose a thre	eat to gre	und water	, surface wa	ter, hus	nan health
or the environ	ment. In ad	dition, NMO	CD accept	ance of a C∼l41 re	eport de	es not relieva	the operator of r	esponsil	ility for co	ompliance w	ìth any	other
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Printed Name:	Chancey	Summers				zbbroseg od r	District Superviso	ж.				
Title: HES	Specialist					Approval Date	?: 	E	xpiration l	Date:		
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E-mail Addres			goxy.com		'	Jonoitions of	Whbi.onsi:			Attached		
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* Attach Additional Sheets If Necessary

District 1 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

Revised October 10, 2003

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

Form C-141

Release Notification and Corrective Action **OPERATOR** ☐ Initial Report Final Report Contact CJ Summers Name of Company Oxy Permian Ltd. 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 Mineral Owner Lease No. NM 38464 BLM LOCATION OF RELEASE Unit Letter Section Township Range Feet from the North/South Line | Feet from the East/West Line County M 21 23\$ 31E 660 South West Eddy 330 Latitude N 32.28428° Longitude W 103.79005 NATURE OF RELEASE Oil Type of Release Volume of Release 15 bbls Volume Recovered 0 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 Date and Hour 3/6/13 @ 8:40 am By Whom? Chancey Summers 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 bbis 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. OIL CONSERVATION DIVISION Signature: Approved by District Supervisor: Printed Name: Chancey Summers Approval Date: Expiration Date: Title: HES Specialist E-mail Address: Chancey.Summers@exy.com Conditions of Approval: Attached

3-12-13

Phone: (575) 397-8216

Attach Additional Sheets If Necessary