

Closure Report

Incident ID: nAB1813753221

Site Description

Site Name:	PURE GOLD D 12 CTB
Company:	OXY
Legal Description:	U/L: N, SECTION 28, T23S, R31E
County:	EDDYCOUNTY, NM
GPS Coordinates:	N32.269062 W 103.7816772

Release Data

Date of Release:	5/3/2018
Type of Release:	CRUDE OIL/PRODUCED WATER
Source of Release:	WATER TANK SPILLED WHEN A RAG WAS STUCK IN THE VALVE
Volume of Release:	3 BBLS CRUDE OIL/ PRODUCED WATER 10BBLS
Volume Recovered:	11.5BBLS CRUDE OIL/PRODUCED WATER

Remediation Specifications

Remediation Parameters:	OXY EXCAVATED THE SPILL ARE AS DEPICTED ON THE FOLLWING SITE DIAGRAM . THE LEAK AREA WAS EXCAVATED TO THE DEPTH OF 1.5 FEET .OXY COLLECTED SIDEWALL AND BOTTOM CONFIRMATION SAMPLES EVERY 200 SQURE FEET
Remediation Activities:	5/27/22 - 7/8/22

Plan Sent to OCD:		
OCD Approval of Plan:		
Plan Sent to BLM:		
BLM Approval of Plan:		

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for 6/21/22	
Sampling Notification	6/17/2022	

Request for Closure

Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.

Cliff Brunson, President of BBC International Inc.

10/7/2022

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1813753221
District RP	
Facility ID	
Application ID	

Closure


The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate OCD District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD 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 OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD 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. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich Title: Environmental Coordinator

Signature:  Date: 8-12-22

email: wade_dittrich@oxy.com

Telephone: (575) 390-2828

OCD Only

Received by: Jocelyn Harimon Date: 12/29/2022

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:  Date: 12/29/2022

Printed Name: Jocelyn Harimon Title: Environmental Specialist

PURE GOLD D 12

LEAK DATE 5/3/18
ID#nAB1813753221
EDDY CO, NM

Legend

- BOTTOM CONFIRMATION SAMPLE POINTS
- LEAK AREA
- ▲ SIDEWALL CONFIRMATION SAMPLE POINTS



OXY- PURE GOLD D 12 CTB (5/3/18)

BOTTOM

BS 1	N 32.26883	W -103.78173
BS 2	N 32.26881	W -103.78174
BS 3	N 32.26874	W-103.78172
BS 4	N 32.26885	W-103.78165
BS 5	N 32.26875	W-103.78168
BS 6	N 32.26881	W-103.78165
BS 7	N 32.26875	W-103.78163
BS 8	N 32.26875	W-103.78166
BS 9	N 32.26878	W-103.78158
BS 10	N 32.26876	W-103.78159
BS 11	N 32.26866	W-103.78159
BS 12	N 32.26882	W-103.78151
BS 12	N 32.26882	W-103.78149
BS 13	N 32.26879	W-103.78149
BS 13	N 32.26876	W-103.78150
BS 14	N 32.26876	W-103.78146
BS 15	N 32.26884	W-103.78148
BS 16	N 32.26879	W-103.78145
BS 17	N 32.26879	W-103.78146
BS 18	N 32.26845	W-103.78143
BS 19	N 32.26881	W-103.78141
BS 20	N 32.26876	W-103.78142
BS 21	N 32.26882	W-103.78137
BS 22	N 32.26880	W-103.78136
BS 23	N 32.26877	W-103.78137
BS 24	N 32.26882	W-103.78133
BS 25	N 32.26881	W-103.78134
BS 26	N 32.26887	W-103.78135
BS 27	N 32.26874	W-103.78136

SIDEWALL

SW 1	N 32.26880	W-103.78137
SW 2	N 32.26875	W-103.78156
SW 3	N 32.26880	W-103.78173

	Sample ID	BS 1 @ 1.5'	BS 2 @ 1.5'	BS 3 @ 1.5'	BS 4 @ 1.5'	BS 5 @ 1.5'	BS 6 @ 1.5'	BS 7 @ 1.5'	BS 8 @ 1.5'	BS 9 @ 1.5'	BS 10 @ 1.5'	BS 11 @ 1.5'	BS 12 @ 1.5'	BS 13 @ 1.5'	BS 14 @ 1.5'	BS 15 @ 1.5'	BS 16 @ 1.5'	BS 17 @ 1.5'	BS 18 @ 1.5'
Analyte	Date	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0	<16.0	32.0	32.0	<16.0	16.0	<16.0	16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.00	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	BS 19 @ 1.5'	BS 20 @ 1.5'	BS 21 @ 1.5'	BS 22 @ 1.5'	BS 23 @ 1.5'	BS 24 @ 1.5'	BS 25 @ 1.5'	BS 26 @ 1.5'	BS 27 @ 1.5'
Analyte	Date	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22	6/21/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3
Analyte	Date	6/21/22	6/21/22	6/21/22
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0



PER GOLD D12 CTB (5/3/18)





PER GOLD D12 CTB (5/3/18)





PER GOLD D12 CTB (5/3/18)





PER GOLD D12 CTB (5/3/18)





PER GOLD D12 CTB (5/3/18)





PER GOLD D12 CTB (5/3/18)





PER GOLD D12 CTB (5/3/18)





PER GOLD D12 CTB (5/3/18)





PER GOLD D12 CTB (5/3/18)





PER GOLD D12 CTB (5/3/18)





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

June 27, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: PURE GOLD D FED #12

Enclosed are the results of analyses for samples received by the laboratory on 06/22/22 16:44.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-21-14. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive, flowing style.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/21/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	PURE GOLD D FED #12	Sampling Condition:	Cool & Intact
Project Number:	(5/13/18)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: BS 1 @ 1.5' (H222681-01)

BTEX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTEX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 69.9-140

Chloride, SM4500Cl-B			mg/kg		Analyzed By: GM				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	06/24/2022	ND	400	100	400	0.00	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	187	93.3	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	195	97.4	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 107 % 43-149

Surrogate: 1-Chlorooctadecane 121 % 42.5-161

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 2 @ 1.5' (H222681-02)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	187	93.3	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	195	97.4	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 120 % 43-149

Surrogate: 1-Chlorooctadecane 133 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 3 @ 1.5' (H222681-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03		
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335		
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76		
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78		
Total BTX	<0.300	0.300	06/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	400	100	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	187	93.3	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	195	97.4	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 112 % 43-149

Surrogate: 1-Chlorooctadecane 124 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 4 @ 1.5' (H222681-04)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	187	93.3	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	195	97.4	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 112 % 43-149

Surrogate: 1-Chlorooctadecane 127 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 5 @ 1.5' (H222681-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03		
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335		
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76		
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78		
Total BTX	<0.300	0.300	06/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	187	93.3	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	195	97.4	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 108 % 43-149

Surrogate: 1-Chlorooctadecane 123 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 6 @ 1.5' (H222681-06)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03	
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335	
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76	
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78	
Total BTX	<0.300	0.300	06/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	187	93.3	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	195	97.4	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 109 % 43-149

Surrogate: 1-Chlorooctadecane 124 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
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 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 7 @ 1.5' (H222681-07)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03		
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335		
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76		
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78		
Total BTX	<0.300	0.300	06/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	187	93.3	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	195	97.4	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 106 % 43-149

Surrogate: 1-Chlorooctadecane 122 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 8 @ 1.5' (H222681-08)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03		
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335		
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76		
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78		
Total BTX	<0.300	0.300	06/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	187	93.3	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	195	97.4	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 113 % 43-149

Surrogate: 1-Chlorooctadecane 131 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 9 @ 1.5' (H222681-09)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03		
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335		
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76		
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78		
Total BTX	<0.300	0.300	06/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	187	93.3	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	195	97.4	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 106 % 43-149

Surrogate: 1-Chlorooctadecane 120 % 42.5-161

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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 10 @ 1.5' (H222681-10)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTX	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	187	93.3	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	195	97.4	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 120 % 43-149

Surrogate: 1-Chlorooctadecane 136 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 11 @ 1.5' (H222681-11)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEX	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	187	93.3	200	1.55	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	195	97.4	200	2.32	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 116 % 43-149

Surrogate: 1-Chlorooctadecane 132 % 42.5-161

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 12 @ 1.5' (H222681-12)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEx	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					

Surrogate: 1-Chlorooctane 126 % 66.9-136

Surrogate: 1-Chlorooctadecane 148 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 13 @ 1.5' (H222681-13)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEx	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					

Surrogate: 1-Chlorooctane 131 % 66.9-136

Surrogate: 1-Chlorooctadecane 154 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 14 @ 1.5' (H222681-14)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEX	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					

Surrogate: 1-Chlorooctane 130 % 66.9-136

Surrogate: 1-Chlorooctadecane 151 % 59.5-142

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Analytical Results For:

BBC International, Inc.
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 15 @ 1.5' (H222681-15)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEx	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					

Surrogate: 1-Chlorooctane 118 % 66.9-136

Surrogate: 1-Chlorooctadecane 139 % 59.5-142

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Analytical Results For:

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Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 16 @ 1.5' (H222681-16)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEx	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					

Surrogate: 1-Chlorooctane 117 % 66.9-136

Surrogate: 1-Chlorooctadecane 137 % 59.5-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 17 @ 1.5' (H222681-17)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEx	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					

Surrogate: 1-Chlorooctane 115 % 66.9-136

Surrogate: 1-Chlorooctadecane 137 % 59.5-142

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Analytical Results For:

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Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 18 @ 1.5' (H222681-18)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEX	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 84.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					

Surrogate: 1-Chlorooctane 125 % 66.9-136

Surrogate: 1-Chlorooctadecane 149 % 59.5-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 19 @ 1.5' (H222681-19)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEx	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 83.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					

Surrogate: 1-Chlorooctane 113 % 66.9-136

Surrogate: 1-Chlorooctadecane 133 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 20 @ 1.5' (H222681-20)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTX	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 83.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND					

Surrogate: 1-Chlorooctane 112 % 66.9-136

Surrogate: 1-Chlorooctadecane 133 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 Cliff Brunson
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 21 @ 1.5' (H222681-21)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEX	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 82.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	06/23/2022	ND	209	104	200	2.13		
DRO >C10-C28*	<10.0	10.0	06/23/2022	ND	223	112	200	3.70		
EXT DRO >C28-C36	<10.0	10.0	06/23/2022	ND						

Surrogate: 1-Chlorooctane 126 % 66.9-136

Surrogate: 1-Chlorooctadecane 148 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 22 @ 1.5' (H222681-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEX	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 82.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 130 % 66.9-136

Surrogate: 1-Chlorooctadecane 153 % 59.5-142

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Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 23 @ 1.5' (H222681-23)

BTEx 8021B		mg/ kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEX	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 83.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 130 % 66.9-136

Surrogate: 1-Chlorooctadecane 152 % 59.5-142

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Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 24 @ 1.5' (H222681-24)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEX	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 86.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 145 % 59.5-142

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 25 @ 1.5' (H222681-25)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEx	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 85.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 125 % 66.9-136

Surrogate: 1-Chlorooctadecane 150 % 59.5-142

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Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 26 @ 1.5' (H222681-26)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEx	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 83.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 126 % 66.9-136

Surrogate: 1-Chlorooctadecane 150 % 59.5-142

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Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BS 27 @ 1.5' (H222681-27)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEx	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 82.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 125 % 66.9-136

Surrogate: 1-Chlorooctadecane 151 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	06/22/2022	Sampling Date:	06/21/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	PURE GOLD D FED #12	Sampling Condition:	Cool & Intact
Project Number:	(5/13/18)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SW 1 (H222681-28)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTX	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 82.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 120 % 66.9-136

Surrogate: 1-Chlorooctadecane 143 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 06/22/2022
 Reported: 06/27/2022
 Project Name: PURE GOLD D FED #12
 Project Number: (5/13/18)
 Project Location: OXY - NEW MEXICO

Sampling Date: 06/21/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SW 2 (H222681-29)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/25/2022	ND	2.00	100	2.00	9.33		
Toluene*	<0.050	0.050	06/25/2022	ND	1.97	98.4	2.00	9.12		
Ethylbenzene*	<0.050	0.050	06/25/2022	ND	1.84	92.0	2.00	9.23		
Total Xylenes*	<0.150	0.150	06/25/2022	ND	5.72	95.3	6.00	9.20		
Total BTEx	<0.300	0.300	06/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 83.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 119 % 66.9-136

Surrogate: 1-Chlorooctadecane 143 % 59.5-142

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	06/22/2022	Sampling Date:	06/21/2022
Reported:	06/27/2022	Sampling Type:	Soil
Project Name:	PURE GOLD D FED #12	Sampling Condition:	Cool & Intact
Project Number:	(5/13/18)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: SW 3 (H222681-30)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	06/24/2022	ND	2.15	107	2.00	1.03		
Toluene*	<0.050	0.050	06/24/2022	ND	2.14	107	2.00	0.335		
Ethylbenzene*	<0.050	0.050	06/24/2022	ND	1.99	99.5	2.00	1.76		
Total Xylenes*	<0.150	0.150	06/24/2022	ND	6.20	103	6.00	1.78		
Total BTEx	<0.300	0.300	06/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	06/24/2022	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS				S-04	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	06/24/2022	ND	209	104	200	2.13	
DRO >C10-C28*	<10.0	10.0	06/24/2022	ND	223	112	200	3.70	
EXT DRO >C28-C36	<10.0	10.0	06/24/2022	ND					

Surrogate: 1-Chlorooctane 121 % 66.9-136

Surrogate: 1-Chlorooctadecane 146 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: PURE GOLD D FED 12 (5/13/18)

Project Location: NEW MEXICO

Sampler Name: SIMON

BILL TO

P.O. #:

Company:

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					DATE	TIME										
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :											
10221081	BS 1 @ 1.5'	✓	1	✓						6/21/22	8:50 AM	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BS 2 @ 1.5'									6/21/22	8:57 AM	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BS 3 @ 1.5'									6/21/22	9:09 AM	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BS 4 @ 1.5'									6/21/22	9:16 AM	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BS 5 @ 1.5'									6/21/22	9:24 AM	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BS 6 @ 1.5'									6/21/22	9:31 AM	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BS 7 @ 1.5'									6/21/22	9:43 AM	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BS 8 @ 1.5'									6/21/22	9:51 AM	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BS 9 @ 1.5'									6/21/22	10:03 AM	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BS 10 @ 1.5'									6/21/22	10:12 AM	✓	✓	✓	✓	✓	✓	✓	✓	✓

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Relinquished By:

Date:

Received By:

Relinquished By:

Date:

Received By:

Time:

Time:

Delivered By: (Circle One) - U-3e C.O.S.e
Sampler - UPS - Bus - Other: - U-8e #113

Sample Condition
☒ Cool ☒ Intact
☐ Yes ☐ No

CHECKED BY:
(Initials)

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

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

CHORRIDE
BTEX
TPH+EXT



ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: PURE GOLD D FED 12 (5/13/18) Project Location: NEW MEXICO Sampler Name: SIMON				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:					
BILL TO				ANALYSIS REQUEST					
Lab I.D. H022081		Sample I.D.		(G)RAB OR (C)OMP # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		DATE TIME		Chloride BTEX TPH EXT	
11	BS 11 @ 1.5'	6		6/21/22	10:22AM	✓	✓		
12	BS 12 @ 1.5'			6/21/22	10:34AM	✓	✓		
13	BS 13 @ 1.5'			6/21/22	10:42AM	✓	✓		
14	BS 14 @ 1.5'			6/21/22	10:53AM	✓	✓		
15	BS 15 @ 1.5'			6/21/22	11:04AM	✓	✓		
16	BS 16 @ 1.5'			6/21/22	11:16AM	✓	✓		
17	BS 17 @ 1.5'			6/21/22	11:25AM	✓	✓		
18	BS 18 @ 1.5'			6/21/22	11:37AM	✓	✓		
19	BS 19 @ 1.5'			6/21/22	11:45AM	✓	✓		
20	BS 20 @ 1.5'			6/21/22	11:55AM	✓	✓		

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Relinquished By: [Signature]	Date: 6-22-22 Time: 10:44	Received By: [Signature]	Date: Time:
Relinquished By: [Signature]	Date: Time:	Received By: [Signature]	Date: Time:

Delivered By: (Circle One) -4-32 C.O.S.C.	Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: [Signature]
Sampler - UPS - Bus - Other:	REMARKS:	



ARDINAL LABORATORIES

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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: PURE GOLD D FED 12 (5/13/18) Project Location: NEW MEXICO Sampler Name: SIMON				P.O. #: Company: Attn: Address: City: State: Zip: Phone #: Fax #:			
Lab I.D. Sample I.D.				BILL TO ANALYSIS REQUEST			
FOR LAB USE ONLY (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :				MATRIX PRESERV SAMPLING			
DATE TIME				ANALYSIS CHLORIDE BTEX TPH EXT			
BS 21 @ 1.5' BS 22 @ 1.5' BS 23 @ 1.5' BS 24 @ 1.5' BS 25 @ 1.5' BS 26 @ 1.5' BS 27 @ 1.5' SW 1 SW 2 SW 3				6/21/22 12:48PM 6/21/22 1:03PM 6/21/22 1:12PM 6/21/22 1:23PM 6/21/22 1:34PM 6/21/22 1:41PM 6/21/22 1:52PM 6/21/22 2:03PM 6/21/22 2:12PM 6/21/22 2:20PM			
Relinquished By: [Signature] Date: 6/22/22 Time: 10:44 Received By: [Signature] Date: 6/22/22 Time: 10:44				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:			
Delivered By: (Circle One) -6.3°C C-0.5°C -6.8°C #113 Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Checked By: [Signature]				Delivered By: (Circle One) -6.3°C C-0.5°C -6.8°C #113 Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Checked By: [Signature]			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 149677

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 149677
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jharimon	None	12/29/2022