

Closure Report

INCIDENT ID#: nAPP2200553732

Site Description

Site Name:	BRAVO DOME 1834 101G LEG 5
Company:	Oxy USA, Inc.
Legal Description:	U/L G, Section 10, T18N, R34E
County:	UNION County, NM
GPS Coordinates:	35.80583,-103.30864

Release Data

Date of Release:	7/17/2020
Type of Release:	PRODUCED WATER
Source of Release:	6" STEEL FLOWLINE LEAK
Volume of Release:	29BBLS
Volume Recovered:	0 BBLS

Remediation Specifications

Remediation Parameters:	<p>OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1, SP 5, SP6 and SP7 (BLUE shade on diagram) was excavated to a depth of 3 feet. The leak area near SP2 and SP4 (GREEN shade on diagram) was excavated to a depth of 4 feet. Leak area near SP3 (YELLOW shade on diagram) was excavated to the depth 5 feet.</p> <p>OXY collected bottom and sidewall confirmation samples every 200 square feet.</p>
Remediation Activities:	8/12/24 - 9/6/24

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 8/21/24,8/22/24,8/27/24	
Notifications	8/16/2024	

Request for Closure

Based on the completion of the remediation, OXY requests closure approval from the NMOCD.	
Cliff Brunson, President of BBC International Inc.	9/9/2024



PHONE (575) 397-6388 • FAX (575) 397- 0397 • 1324 W. MARLAND • P.O. BOX 805 • HOBBS, NM 88241-0805
E-MAIL: cbrunson@bbcinternational.com

September 9, 2024

Per the request of Crystal Walker of the OCD on 9/9/24, please see below:

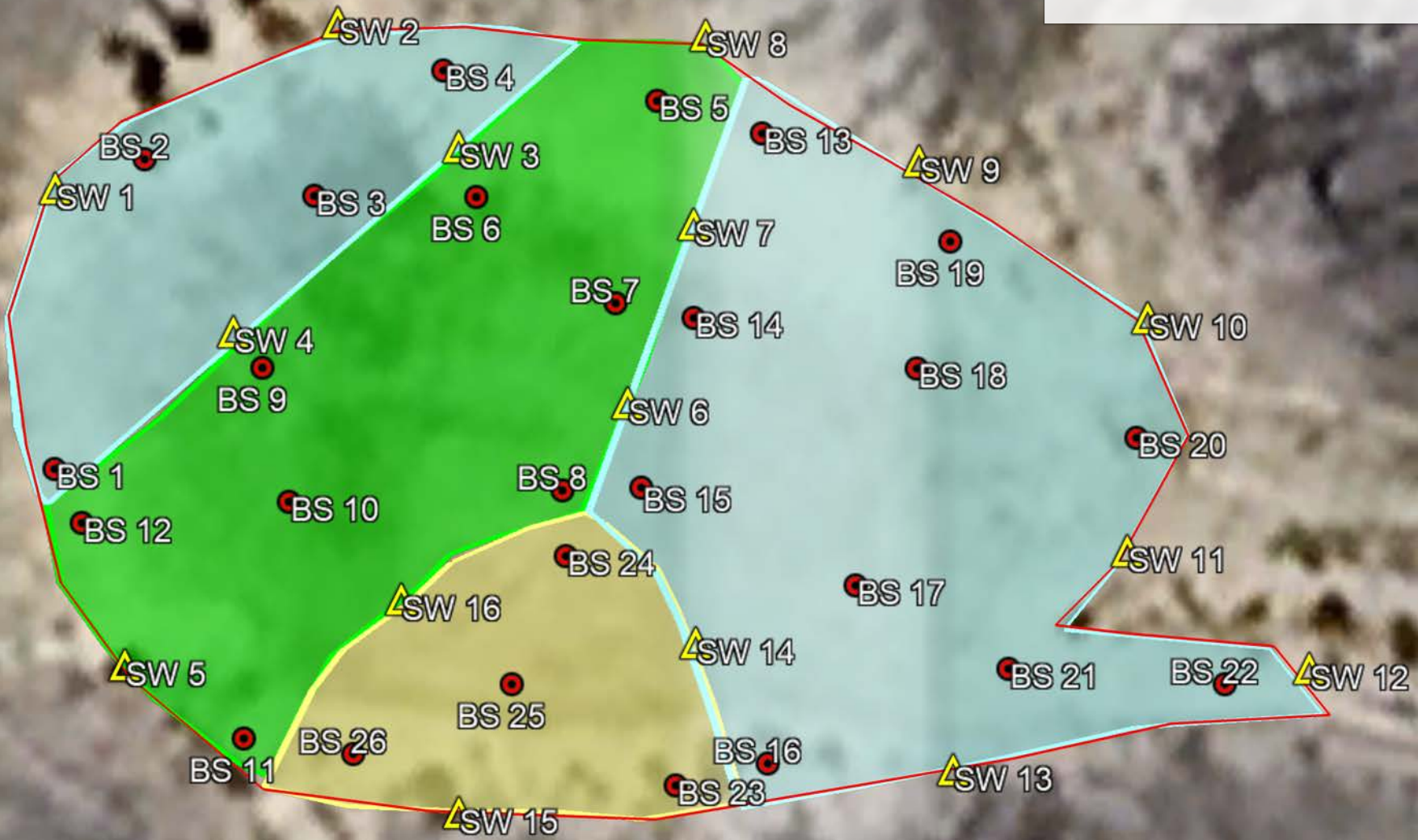
On the initial Chain of Custody, the sample depths of sample points BS23 – BS26 were listed incorrectly as a depth of 3 feet when they should have been 5 feet. These samples were correctly taken at the 5-foot depth. A new laboratory report at the end of the report has been added to reflect this change along with the field notes of the sampler that reflect this as well. In addition, the lab summary table has been updated to reflect these changes.

OXY, BRAVO DOME 1834 101G LEG 5

LEAK DATE : 01/04/2022
UNION COUNTY, NM
ID#nAPP2200553732

Legend

- 3' excavation
- 4' excavation
- 5' excavation
- Bottom Confirmation Sample Points
- Leak Area
- Sidewall Confirmation Sample Points



Google Earth



40 ft

BRAVO DOME 1834 101G LEG 5 (1/4/22) SAMPLING DATES 8/21/24, 8/22/24

BOTTOM SAMPLE POINTS

BS 1@3'	N 35.805792	W-103.308702
BS 2@3'	N 35.805862	W-103.308677
BS 3@3'	N 35.805858	W-103.308630
BS 4@5'	N 35.805882	W-103.308594
BS 5@4'	N 35.805875	W-103.308534
BS 6@4'	N 35.805853	W-103.308585
BS 7@4'	N 35.805829	W-103.308546
BS 8@4'	N 35.805787	W-103.308561
BS 9@4'	N 35.805815	W-103.308645
BS 10@4'	N 35.805784	W-103.308637
BS 11@4'	N 35.805731	W-103.308650
BS 12@4'	N 35.805780	W-103.308695
BS 13@3'	N 35.805868	W-103.308505
BS 14@3'	N 35.805826	W-103.308524
BS 15@3'	N 35.805787	W-103.308539
BS 16@3'	N 35.805725	W-103.308504
BS 17@3'	N 35.805779	W-103.308494
BS 18@3'	N 35.805820	W-103.308483
BS 19@3'	N 35.805854	W-103.308469
BS 20@3'	N 35.805799	W-103.308400
BS 21@3'	N 35.805746	W-103.308436
BS 22@3'	N 35.805743	W-103.308376
BS 23@5'	N 35.805720	W-103.308529
BS 24@5'	N 35.805772	W-103.308560
BS 25@5'	N 35.505744	W-103.308569
BS 26@5'	N 35.805727	W-103.308619

SIDEWALL SAMPLE POINTS

SW 1	N 35.805862	W-103.308701
SW 2	N 35.805892	W-103.308624
SW 3	N 35.805864	W-103.308590
SW 4	N 35.805822	W-103.308653
SW 5	N 35.805747	W-103.308683
SW 6	N 35.805806	W-103.308543
SW 7	N 35.805847	W-103.308525
SW 8	N 35.805890	W-103.308521
SW 9	N 35.805861	W-103.308462
SW 10	N 35.805826	W-103.308398
SW 11	N 35.805773	W-103.308403
SW 12	N 35.805753	W-103.308359

SW 13	N 35.805723	W-103.308452
SW 14	N 35.805752	W-103.308524
SW 15	N 35.805714	W-103.308590
SW 16	N 35.805762	W-103.308606

	Sample ID	BS 1@3'	BS 2@3'	BS 3@3'	BS 4@3'	BS 5@4'	BS 6@4'	BS 7@4'	BS 8@4'	BS 9@4'	BS 10@4'	BS 11@4'	BS 12@4'	BS 13@3'	BS 14@3'	BS 15@3'	BS 16@3'	BS 17@3'	BS 18@3'
Analyte	Date	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24	8/21/24
		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		80.0	96.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	48.0	80.0	96.0	96.0	96.0	80.0	80.0	64.0
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		<10.0	<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
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@3'	BS 20@3'	BS 21@3'	BS 22@3'	BS 23@5'	BS 24@5'	BS 25@5'	BS 26@5'
Analyte	Date	8/21/24	8/21/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24
		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
Toluene		<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
Total Xylenes		<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
Chloride		80.0	64.0	160.0	80.0	80.0	80.0	96.0	96.0
GRO		<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
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14	SW 15	SW 16
Analyte	Date	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24	8/22/24
		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
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
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
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
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
Chloride		32.0	32.0	32.0	32.0	32.0	32.0	48.0	32.0	48.0	32.0	32.0	32.0	32.0	32.0	32.0	80.0
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
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
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

8/29/24, 9:37 AM

FEMA's National Flood Hazard Layer (NFHL) Viewer



FEMA's National Flood Hazard Layer (NFHL) Viewer

with Web AppBuilder for ArcGIS



35.80583, -103.30864



Show search results for 35.80583, -10...

NFHL Print Tool

Input

Output

OutputMessage

FEMA has not completed a study to determine flood hazard for the selected location; therefore, a flood map has not been published at this time.

OutputFile

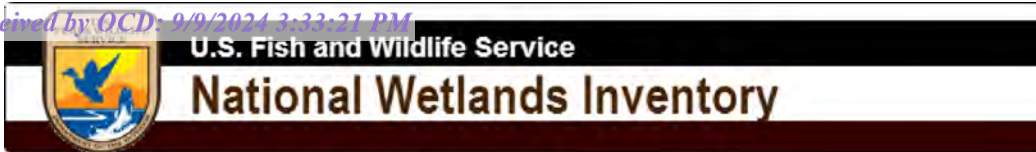
undefined: null

0.2mi

103.322 35.801 Degrees

App State

Click to restore the map extent and layers visibility where you left off



OXY, BRAVO DOME 1834 101G LEG 5 (1/



August 29, 2024

Wetlands

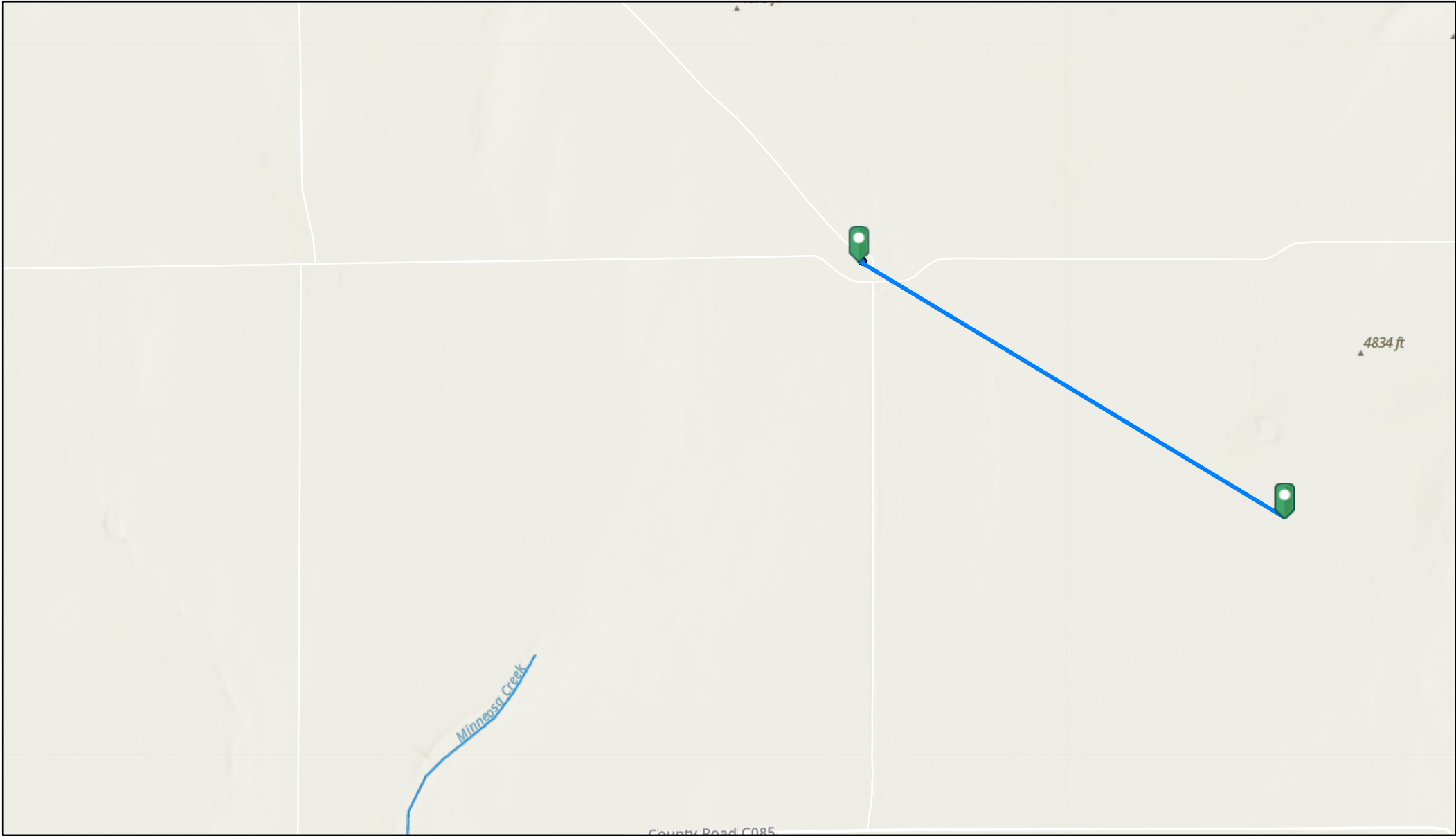
- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

OXY, BRAVO DOME 1834 101G LEG 5 (01/04/2022) 4,555.9 FEET OR 0.86 MILES TO WATER POD



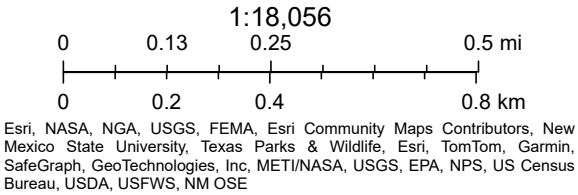
8/29/2024, 9:24:25 AM

OSE Water PODs

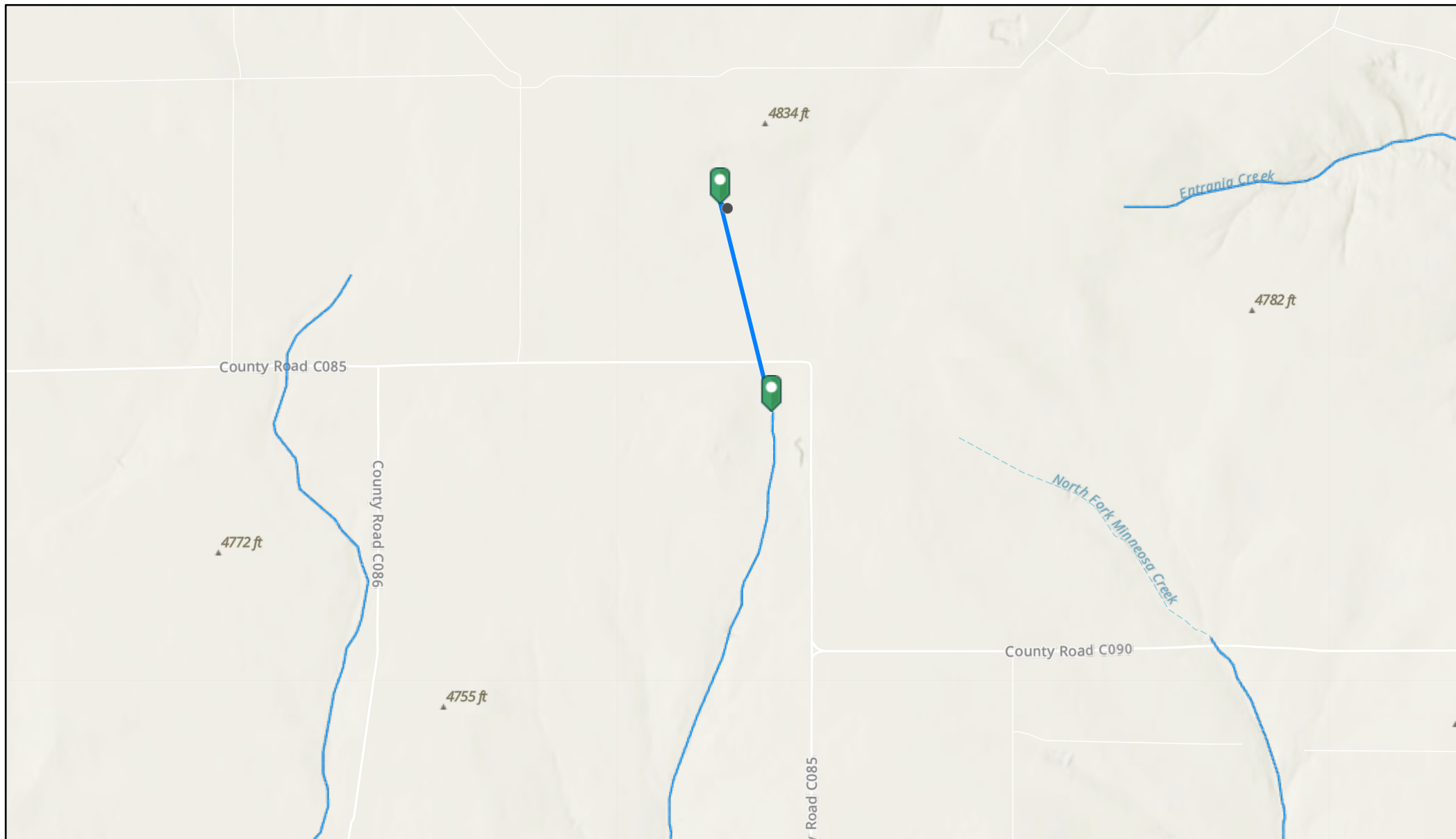
• Active

— OSE Streams

Released to Imaging: 9/11/2024 10:51:33 AM

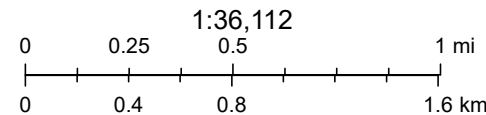


OXY, BRAVO DOME 1834 101G LEG 5 (01/04/2022) 3756.9FEET OR 0.71 MILES TO H2O



8/29/2024, 9:28:48 AM

— OSE Streams



Esri, NASA, NGA, USGS, FEMA, NM OSE, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS



WELL RECORD & LOG

OFFICE OF THE STATE ENGINEER

www.ose.state.nm.us

Received

SEP 17 2023

Office of the State Engineer
District VII Cimarron Office

1. GENERAL AND WELL LOCATION	OSE POD NO. (WELL NO.) CT-2493 POD1		WELL TAG ID NO 70324		OSE FILE NO(S) CT-2493 POD1			
	WELL OWNER NAME(S) Kirk Fly				PHONE (OPTIONAL) 806-333-2176			
	WELL OWNER MAILING ADDRESS 28 Canyon View Dr				CITY STATE ZIP Dalhart TX 79022			
	WELL LOCATION (FROM GPS)	DEGREES LATITUDE 35.81238 35	MINUTES 48	SECONDS 44.568 N ✓	• ACCURACY REQUIRED: ONE TENTH OF A SECOND • DATUM REQUIRED: WGS 84			
		LONGITUDE -103.32174 103	19	18.264 W ✓				
DESCRIPTION RELATING WELL LOCATION TO STREET ADDRESS AND COMMON LANDMARKS - PLSS (SECTION, TOWNSHIP, RANGE) WHERE AVAILABLE Section 4 Township: 18N, Range: 34E, Union County SEWSEKUSEK SE 1/4, SECTION 4, TOWNSHIP 18 NORTH, RANGE 34 EAST, N.W.P.M								
2. DRILLING & CASING INFORMATION	LICENSE NO. WD-1831		NAME OF LICENSED DRILLER Raymond Teeter			NAME OF WELL DRILLING COMPANY 3T Drilling, Inc.		
	DRILLING STARTED 09/19/2023	DRILLING ENDED 09/19/2023	DEPTH OF COMPLETED WELL (FT) 355	BORE HOLE DEPTH (FT) 168	DEPTH WATER FIRST ENCOUNTERED (FT) 168			
	COMPLETED WELL IS: <input type="checkbox"/> ARTESIAN *add Centralizer info below <input type="checkbox"/> DRY HOLE <input checked="" type="checkbox"/> SHALLOW (UNCONFINED)				STATIC WATER LEVEL IN COMPLETED WELL (FT) 168		DATE STATIC MEASURED 09/19/2023	
	DRILLING FLUID: <input type="checkbox"/> AIR <input checked="" type="checkbox"/> MUD ADDITIVES - SPECIFY:							
	DRILLING METHOD: <input checked="" type="checkbox"/> ROTARY <input type="checkbox"/> HAMMER <input type="checkbox"/> CABLE TOOL <input type="checkbox"/> OTHER - SPECIFY:						CHECK HERE IF PITLESS ADAPTER IS INSTALLED <input checked="" type="checkbox"/>	
	DEPTH (feet bgl)		BORE HOLE DIAM (inches)	CASING MATERIAL AND/OR GRADE (include each casing string, and note sections of screen)	CASING CONNECTION TYPE (add coupling diameter)	CASING INSIDE DIAM. (inches)	CASING WALL THICKNESS (inches)	SLOT SIZE (inches)
	FROM	TO						
	0	30	12.25	PVC SDR 21	6-1/8	5	.0375	
	30	200	10	PVC SDR 21	6-1/8	5	.0375	
	200	345	10	PVC SDR 21 - PERF	6-1/8	5	.0375	.050
345	355	10	PVC SDR 21	6-1/8	5	.0375		
3. ANNULAR MATERIAL	DEPTH (feet bgl)		BORE HOLE DIAM. (inches)	LIST ANNULAR SEAL MATERIAL AND GRAVEL PACK SIZE-RANGE BY INTERVAL *(if using Centralizers for Artesian wells- indicate the spacing below)	AMOUNT (cubic feet)	METHOD OF PLACEMENT		
	FROM	TO						
	0	30	12.25	Cement	21	Topfill		
	30	355	10	Gravel # 1 Fine KS	133	Topfill		

FOR OSE INTERNAL USE STOCK

WR-20 WELL RECORD & LOG (Version 09/22/2022)

FILE NO. CT-2493	POD NO. POD1	TRN NO. 749184
LOCATION 18N 34E 4 QUIL	WELL TAG ID NO. 70324	PAGE 1 OF 2

[illegible]

Mike A. Hamman, P.E.
State Engineer



Cimarron Office
PO BOX 481
CIMARRON, NM 87714

STATE OF NEW MEXICO
OFFICE OF THE STATE ENGINEER

Trn Nbr: 749184
File Nbr: CT 02493
Well File Nbr: CT 02493-POD1

Oct. 31, 2023

KIRK FLY
28 CANYON VIEW DR.
DALHART, TX 79022

Greetings:

Enclosed is your copy of the well record for the above numbered permit, which has been accepted for filing.

Sincerely,

Katherine Behrendsen

Katherine Behrendsen
(575) 376-2410

Enclosure

wellrrcv

**Coordinates****UTM - NAD 83 (m) - Zone 13**

Easting 651622.801

Northing 3964437.892

State Plane - NAD 83 (f) - Zone E

Easting 841266.655

Northing 1752534.598

Degrees Minutes Seconds

Latitude 35 : 48 : 44.568000

Longitude -103 : 19 : 18.264000

Location pulled from Coordinate Search

**NEW MEXICO OFFICE
OF THE
STATE ENGINEER**

1:18,056

N

**Image Info**

Source: Maxar

Date: 9/7/2021

Resolution (m): 0.5

Accuracy (m): 5

Spatial Information

Land Grant: Not in Land Grant

OSE Administrative Area: Union

County: Union

Groundwater Basin: Clayton

Sub-Basin: Punta de Agua

Abstract Area:

Clayton

Regulation Area:**Eastern Portion of the Clayton CMA****PLSS Description****SESESESE Qtr of Sec 04 of 018N 034E****Derived from CALPN501-QR Sec. Isolating area
calculated and are only approximations****POD Information**

Owner: Kirk Fly

File Number: CT-2493

POD Status: NoData

Permit Status: NoData

Permit Use: NoData

Purpose: Livestock

JT

10/19/2023

Coord Search
LocationGIS WATERS
PODsPending
OSE District
BoundaryNew Mexico State
Trust Lands

Both Estates

NHD Flowlines

Artificial Path

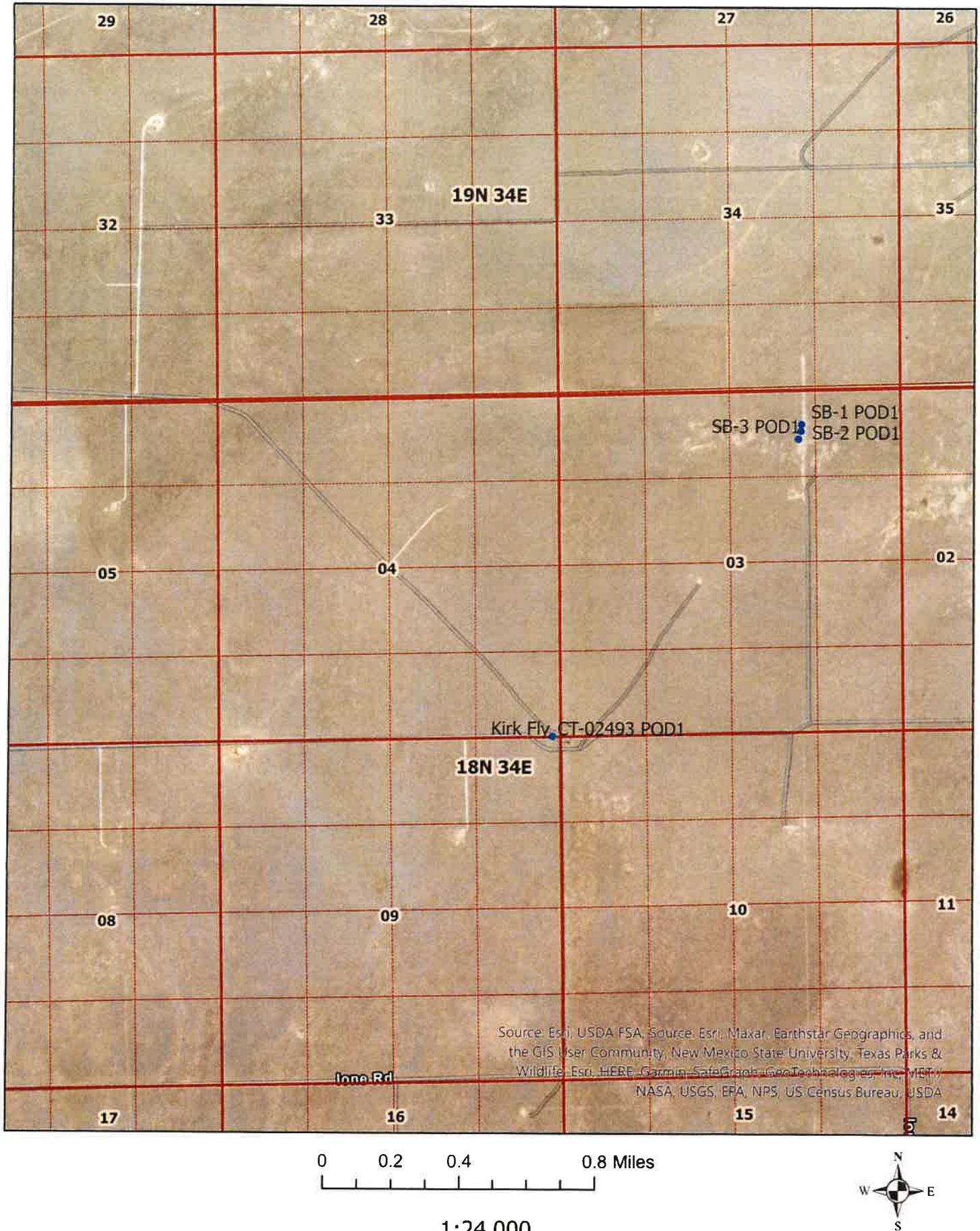
Stream/River

Bernalillo
County Parcels
2023Catron County
Parcels 2023Chaves County
Parcels 2023Cibola County
Parcels 2023Colfax County
Parcels 2023Curry County
Parcels 2023De Baca County
Parcels 2023Doña Ana County
Parcels 2023Eddy County
Parcels 2023Grant County
Parcels 2023Guadalupe County
Parcels 2023Harding County
Parcels 2023Hidalgo County
Parcels 2023Lea County
Parcels 2023Lincoln County
Parcels 2023Los Alamos County
Parcels 2023Luna County
Parcels 2023McKinley County
Parcels 2023Mora County
Parcels 2023Otero County
Parcels 2023Quay County
Parcels 2023Rio Arriba County
Parcels 2023Roosevelt County
Parcels 2023Sandoval County
Parcels 2023San Juan County
Parcels 2023San Miguel County
Parcels 2023Santa Fe County
Parcels 2023Sierra County
Parcels 2023Socorro County
Parcels 2023Teller County
Parcels 2023Tobacco County
Parcels 2023Union County
Parcels 2023Valencia County
Parcels 2023Yuma County
Parcels 2023Zuni County
Parcels 2023

CT-02493 POD1

Clayton Basin

Kirk Fly





OXY – BRAVO DOME 1834 101G LEG 5 (01/04/2022)





OXY – BRAVO DOME 1834 101G LEG 5 (01/04/2022)





OXY – BRAVO DOME 1834 101G LEG 5 (01/04/2022)





OXY – BRAVO DOME 1834 101G LEG 5 (01/04/2022)





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OXY – BRAVO DOME 1834 101G LEG 5 (01/04/2022)





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

August 27, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: BRAVO DOME 1834 101G LEG 5 (1/04/22)

Enclosed are the results of analyses for samples received by the laboratory on 08/23/24 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 1 @ 3' (H245164-01)

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	08/26/2024	ND	2.05	102	2.00	5.87	
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/26/2024	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 2 @ 3' (H245164-02)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 81.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.4 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 3 @ 3' (H245164-03)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.3 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 4 @ 3' (H245164-04)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 5 @ 4' (H245164-05)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 94.3 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 6 @ 4' (H245164-06)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 109 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 7 @ 4' (H245164-07)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2024	ND	416	104	400	0.00		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 8 @ 4' (H245164-08)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 104 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.8 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 9 @ 4' (H245164-09)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 10 @ 4' (H245164-10)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.7 % 49.1-148

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 11 @ 4' (H245164-11)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 85.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.5 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 12 @ 4' (H245164-12)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 83.4 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 13 @ 3' (H245164-13)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEx	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.9 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 14 @ 3' (H245164-14)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 90.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 15 @ 3' (H245164-15)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	96.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 99.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.4 % 49.1-148

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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 16 @ 3' (H245164-16)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.9 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 17 @ 3' (H245164-17)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.1 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.4 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 18 @ 3' (H245164-18)

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	08/26/2024	ND	2.05	102	2.00	5.87		
Toluene*	<0.050	0.050	08/26/2024	ND	1.98	99.0	2.00	4.16		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.98	98.8	2.00	4.35		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.88	98.0	6.00	4.47		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.5 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 19 @ 3' (H245164-19)

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	08/26/2024	ND	1.96	98.0	2.00	5.24		
Toluene*	<0.050	0.050	08/26/2024	ND	1.91	95.4	2.00	5.14		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.92	96.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.70	95.0	6.00	4.63		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 90.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 82.9 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 20 @ 3' (H245164-20)

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	08/26/2024	ND	1.96	98.0	2.00	5.24		
Toluene*	<0.050	0.050	08/26/2024	ND	1.91	95.4	2.00	5.14		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.92	96.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.70	95.0	6.00	4.63		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	08/26/2024	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	187	93.3	200	0.470	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	194	96.9	200	1.55	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 76.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 69.4 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 21 @ 3' (H245164-21)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	08/26/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 66.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 79.7 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	08/23/2024	Sampling Date:	08/21/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 22 @ 3' (H245164-22)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/26/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 73.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.0 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 23 @ 3' (H245164-23)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/26/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 75.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 24 @ 3' (H245164-24)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	80.0	16.0	08/26/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 75.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 25 @ 3' (H245164-25)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/26/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 26 @ 3' (H245164-26)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	08/26/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 78.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 93.9 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 1 (H245164-27)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: HM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2024	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.1 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 2 (H245164-28)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 104 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 77.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.3 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 3 (H245164-29)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 72.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.3 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 4 (H245164-30)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 81.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.4 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 5 (H245164-31)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 62.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.3 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 6 (H245164-32)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 66.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.6 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 7 (H245164-33)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 57.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.6 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 8 (H245164-34)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 75.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.4 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 9 (H245164-35)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 78.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 92.5 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 10 (H245164-36)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 76.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 90.5 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 11 (H245164-37)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.0 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 12 (H245164-38)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 62.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 13 (H245164-39)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 82.4 % 48.2-134

Surrogate: 1-Chlorooctadecane 100 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 14 (H245164-40)

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	08/26/2024	ND	2.16	108	2.00	0.0194	
Toluene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.550	
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	2.21	110	2.00	0.903	
Total Xylenes*	<0.150	0.150	08/26/2024	ND	6.81	113	6.00	0.220	
Total BTEX	<0.300	0.300	08/26/2024	ND					

Surrogate: 4-Bromofluorobenzene (PID) 106 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	210	105	200	1.42	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	222	111	200	4.75	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 80.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.0 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 15 (H245164-41)

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	08/26/2024	ND	1.96	98.0	2.00	5.24		
Toluene*	<0.050	0.050	08/26/2024	ND	1.91	95.4	2.00	5.14		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.92	96.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.70	95.0	6.00	4.63		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	08/26/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	224	112	200	0.232	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	213	106	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 72.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 84.2 % 49.1-148

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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:	08/23/2024	Sampling Date:	08/22/2024
Reported:	08/27/2024	Sampling Type:	Soil
Project Name:	BRAVO DOME 1834 101G LEG 5 (1/04/2:	Sampling Condition:	Cool & Intact
Project Number:	NOT GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 16 (H245164-42)

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	08/26/2024	ND	1.96	98.0	2.00	5.24		
Toluene*	<0.050	0.050	08/26/2024	ND	1.91	95.4	2.00	5.14		
Ethylbenzene*	<0.050	0.050	08/26/2024	ND	1.92	96.1	2.00	4.58		
Total Xylenes*	<0.150	0.150	08/26/2024	ND	5.70	95.0	6.00	4.63		
Total BTEX	<0.300	0.300	08/26/2024	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 71.5-134

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	08/26/2024	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: ms					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	08/26/2024	ND	224	112	200	0.232	
DRO >C10-C28*	<10.0	10.0	08/26/2024	ND	213	106	200	1.71	
EXT DRO >C28-C36	<10.0	10.0	08/26/2024	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 86.3 % 49.1-148

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Notes and Definitions

- 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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: BRAVO DOME 1834 101G LEG 5 (1/4/22)

Project Location: New Mexico

Sampler Name: SIMON RENDON

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BTEX	TPHEXT
1	BOTTOM SAMPLE 1@ 3'						8/21/24	11:20AM	✓	✓	✓
2	BOTTOM SAMPLE 2@ 3'						8/21/24	11:34AM	✓	✓	✓
3	BOTTOM SAMPLE 3@ 3'						8/21/24	11:45AM	✓	✓	✓
4	BOTTOM SAMPLE 4@ 3'						8/21/24	11:56AM	✓	✓	✓
5	BOTTOM SAMPLE 5@ 4'						8/21/24	12:10PM	✓	✓	✓
6	BOTTOM SAMPLE 6@ 4'						8/21/24	12:48PM	✓	✓	✓
7	BOTTOM SAMPLE 7@ 4'						8/21/24	1:09PM	✓	✓	✓
8	BOTTOM SAMPLE 8@ 4'						8/21/24	1:20PM	✓	✓	✓
9	BOTTOM SAMPLE 9@ 4'						8/21/24	1:32PM	✓	✓	✓
10	BOTTOM SAMPLE 10@ 4'						8/21/24	1:45PM	✓	✓	✓

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Relinquished By:

Date: 8-23-24

Received By:

Phone Result:

Yes ☐ No ☐

Fax Result:

Yes ☐ No ☐

Remarks:

48hr Rush

Relinquished By:

Date: 8-23-24

Received By:

Phone Result:

Yes ☐ No ☐

Fax Result:

Yes ☐ No ☐

Remarks:

48hr Rush

Delivered By: (Circle One)

Time: 1:45

Received By:

Phone Result:

Yes ☐ No ☐

Fax Result:

Yes ☐ No ☐

Remarks:

48hr Rush

Sampler - UPS - Bus - Other:

Time: 1:45

Received By:

Phone Result:

Yes ☐ No ☐

Fax Result:

Yes ☐ No ☐

Remarks:

48hr Rush

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LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

245

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		P.O. #:			
Address: P.O. Box 805		Company: Oxy			
City: Hobbs	State: NM Zip: 88241	Attn:			
Phone #: 575-397-6388	Fax #: 575-397-0397	Address:			
Project #:	Project Owner: Oxy	City:			
Project Name: BRAVO DOME 1834 101G LEG 5 (1/4/22)		State:			
Project Location: New Mexico		Zip:			
Sampler Name: SIMON RENDON		Phone #:			
Fax #:					
FOR LAB USE ONLY					
Lab I.D.	Sample I.D.	MATRIX	PRESERV	SAMPLING	
	(G)RAB OR (C)OMP.	# CONTAINERS			
	GROUNDWATER				
	WASTEWATER				
	SOIL				
	OIL				
	SLUDGE				
	OTHER :				
	ACID/BASE:				
	ICE / COOL				
	OTHER :				
DATE	TIME				
8/21/24	1:56PM	✓	Chloride		
8/21/24	2:10PM	✓	BTEX		
8/21/24	2:23PM	✓	TPHEXT		
8/21/24	2:35PM	✓			
8/21/24	2:48PM	✓			
8/21/24	3:00PM	✓			
8/21/24	3:10PM	✓			
8/21/24	3:19PM	✓			
8/21/24	3:31PM	✓			
8/21/24	3:46PM	✓			

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Relinquished By:	Date: 8-23-24	Received By:	Date: 8-23-24	Time: 1:00 PM	Time: 1:00 PM
Relinquished By:	Date: 8-23-24	Received By:	Date: 8-23-24	Time: 1:00 PM	Time: 1:00 PM
Delivered By: (Circle One) Sampler - UPS Bus Other:	Sample Condition <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: (Initials)	REMARKS:	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 #:

48 hr Rush



CARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

3 of 5

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST															
Project Manager: Cliff Brunson				P.O. #:																			
Address: P.O. Box 805				Company: Oxy																			
City: Hobbs				Attn:																			
Phone #: 575-397-6388				Address:																			
Fax #: 575-397-0397				City:																			
Project #:				State: NM Zip: 88241																			
Project Name: BRAVO DOME 1834 101G LEG 5 (1/4/22)				Project Owner: Oxy																			
Project Location: New Mexico				State:																			
Sample Name: SIMON RENDON				Phone #:																			
Fax #:				Zip:																			
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING											
								<input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER :		<input type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :		DATE		TIME									
H457164		BOTTOM SAMPLE 21@ 3'		6		1						8/21/24		3:58PM		Chloride							
21		BOTTOM SAMPLE 22@ 3'										8/21/24		4:12PM		BTEX							
22		BOTTOM SAMPLE 23@ 3'										8/22/24		9:20AM		TPHEXT							
23		BOTTOM SAMPLE 24@ 3'										8/22/24		9:34AM									
24		BOTTOM SAMPLE 25@ 3'										8/22/24		9:49AM									
25		BOTTOM SAMPLE 26@ 3'										8/22/24		10:12AM									
26		SIDEWALL 1										8/22/24		10:22AM									
27		SIDEWALL 2										8/22/24		10:34AM									
28		SIDEWALL 3										8/22/24		10:45AM									
29		SIDEWALL 4										8/22/24		10:56AM									
30																							
<small>PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising within the contract or tort, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated theories or otherwise.</small>																							
Relinquished By:				Date: 8-23-24				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:							
Relinquished By:				Date: 8-23-24				Received By:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:							
Time: 1:45 PM				Time: 1:45 PM				Time: 1:45 PM				REMARKS:											
Delivered By: (Circle One) <u>CF-O.I.C. #140</u>				Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact				CHECKED BY: (Initials)															
Sampler - UPS - Bus - Other: <u>-6.34/-6.9c</u>				Sample Condition: <input type="checkbox"/> Cool <input type="checkbox"/> Intact				CHECKED BY: (Initials)															

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

4 of 5

BILL TO		P.O. #:	Company: Oxy
Project Manager: Cliff Brunson		Attn:	
Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241		Phone #: 575-397-6388 Fax #: 575-397-0397	Address:
Project Name: BRAVO DOME 1834 101G LEG 5 (1/4/22)		City:	State: Zip:
Project Location: New Mexico		Phone #:	Fax #:
Sampler Name: SIMON RENDON			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP. # CONTAINERS	MATRIX							DATE	TIME	ANALYSIS REQUEST
			GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE: ICE / COOL			
H245164	SIDEWALL 5	G							8/22/24	11:04AM	✓ Chloride	
33	SIDEWALL 6								8/22/24	11:12AM	✓ BTEX	
33	SIDEWALL 7								8/22/24	11:21AM	✓ TPH EXT	
34	SIDEWALL 8								8/22/24	11:30AM	✓	
35	SIDEWALL 9								8/22/24	11:37AM	✓	
36	SIDEWALL 10								8/22/24	11:48AM	✓	
37	SIDEWALL 11								8/22/24	12:00PM	✓	
38	SIDEWALL 12								8/22/24	12:11PM	✓	
39	SIDEWALL 13								8/22/24	12:20PM	✓	
40	SIDEWALL 14								8/22/24	12:27PM	✓	

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Relinquished By:	Date: 8/23/24	Received By:	Date: 8/23/24
(Signature)		(Signature)	
Time: 1:00 PM		Time: 1:00 PM	
Delivered By: UPS - Bus - Other	Sample Condition:	CHECKED BY:	REMARKS:
(Initials)	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	(Initials)	48 hr Resl
Phone Result: Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Phone #:	Fax Result: Yes <input type="checkbox"/> No <input type="checkbox"/>	Add'l Fax #:



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.
Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: BRAVO DOME 1834 101G LEG 5 (1/4/22)

Project Location: New Mexico

Sampler Name: SIMON RENDON

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	BTEX	TPH EXT
41	SIDEWALL 15	✓	✓	✓	✓	✓	8/22/24	12:37PM	✓	✓	✓
42	SIDEWALL 16	✓	✓	✓	✓	✓	8/22/24	12:45PM	✓	✓	✓

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Relinquished By:

Date: 8-23-24

Received By:

Phone Result:

Fax Result:

REMARKS:

Relinquished By: *[Signature]*
Date: 8-23-24
Received By: *[Signature]*
Time: 1:00 PM
Delivered By: (Circle One) *CF-O.G. #140*
Sampler - UPS - Bus - Other: *-6.3°C / -6.9°C*
Sample Condition: *Intact*
Cool: *Yes*
Intact: *Yes*
Checked By: *[Signature]*
(Initials)

48 in Rush

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545



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

September 09, 2024

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: BRAVO DOME 1834 101G LEG 5 (1/04/22)

Enclosed are the results of analyses for samples received by the laboratory on 08/23/24 16:45.

Cardinal Laboratories is accredited through Texas NELAP under certificate number TX-C24-00112. 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_accred_certif.html.

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

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

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B	Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2	Regulated VOCs and Total Trihalomethanes (TTHM)
Method EPA 552.2	Total Haloacetic Acids (HAA-5)

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

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".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BOTTOM SAMPLE 1 @ 3'	H245164-01	Soil	21-Aug-24 11:20	23-Aug-24 16:45
BOTTOM SAMPLE 2 @ 3'	H245164-02	Soil	21-Aug-24 11:34	23-Aug-24 16:45
BOTTOM SAMPLE 3 @ 3'	H245164-03	Soil	21-Aug-24 11:45	23-Aug-24 16:45
BOTTOM SAMPLE 4 @ 3'	H245164-04	Soil	21-Aug-24 11:56	23-Aug-24 16:45
BOTTOM SAMPLE 5 @ 4'	H245164-05	Soil	21-Aug-24 12:10	23-Aug-24 16:45
BOTTOM SAMPLE 6 @ 4'	H245164-06	Soil	21-Aug-24 12:48	23-Aug-24 16:45
BOTTOM SAMPLE 7 @ 4'	H245164-07	Soil	21-Aug-24 13:09	23-Aug-24 16:45
BOTTOM SAMPLE 8 @ 4'	H245164-08	Soil	21-Aug-24 13:20	23-Aug-24 16:45
BOTTOM SAMPLE 9 @ 4'	H245164-09	Soil	21-Aug-24 13:32	23-Aug-24 16:45
BOTTOM SAMPLE 10 @ 4'	H245164-10	Soil	21-Aug-24 13:45	23-Aug-24 16:45
BOTTOM SAMPLE 11 @ 4'	H245164-11	Soil	21-Aug-24 13:56	23-Aug-24 16:45
BOTTOM SAMPLE 12 @ 4'	H245164-12	Soil	21-Aug-24 14:10	23-Aug-24 16:45
BOTTOM SAMPLE 13 @ 3'	H245164-13	Soil	21-Aug-24 14:23	23-Aug-24 16:45
BOTTOM SAMPLE 14 @ 3'	H245164-14	Soil	21-Aug-24 14:35	23-Aug-24 16:45
BOTTOM SAMPLE 15 @ 3'	H245164-15	Soil	21-Aug-24 14:48	23-Aug-24 16:45
BOTTOM SAMPLE 16 @ 3'	H245164-16	Soil	21-Aug-24 15:00	23-Aug-24 16:45
BOTTOM SAMPLE 17 @ 3'	H245164-17	Soil	21-Aug-24 15:10	23-Aug-24 16:45
BOTTOM SAMPLE 18 @ 3'	H245164-18	Soil	21-Aug-24 15:19	23-Aug-24 16:45
BOTTOM SAMPLE 19 @ 3'	H245164-19	Soil	21-Aug-24 15:31	23-Aug-24 16:45
BOTTOM SAMPLE 20 @ 3'	H245164-20	Soil	21-Aug-24 15:46	23-Aug-24 16:45
BOTTOM SAMPLE 21 @ 3'	H245164-21	Soil	21-Aug-24 15:58	23-Aug-24 16:45
BOTTOM SAMPLE 22 @ 3'	H245164-22	Soil	21-Aug-24 16:12	23-Aug-24 16:45
BOTTOM SAMPLE 23 @ 5'	H245164-23	Soil	22-Aug-24 09:20	23-Aug-24 16:45
BOTTOM SAMPLE 24 @ 5'	H245164-24	Soil	22-Aug-24 09:34	23-Aug-24 16:45
BOTTOM SAMPLE 25 @ 5'	H245164-25	Soil	22-Aug-24 09:49	23-Aug-24 16:45
BOTTOM SAMPLE 26 @ 5'	H245164-26	Soil	22-Aug-24 10:12	23-Aug-24 16:45
SIDEWALL 1	H245164-27	Soil	22-Aug-24 10:22	23-Aug-24 16:45

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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 2	H245164-28	Soil	22-Aug-24 10:34	23-Aug-24 16:45
SIDEWALL 3	H245164-29	Soil	22-Aug-24 10:45	23-Aug-24 16:45
SIDEWALL 4	H245164-30	Soil	22-Aug-24 10:56	23-Aug-24 16:45
SIDEWALL 5	H245164-31	Soil	22-Aug-24 11:04	23-Aug-24 16:45
SIDEWALL 6	H245164-32	Soil	22-Aug-24 11:12	23-Aug-24 16:45
SIDEWALL 7	H245164-33	Soil	22-Aug-24 11:21	23-Aug-24 16:45
SIDEWALL 8	H245164-34	Soil	22-Aug-24 11:30	23-Aug-24 16:45
SIDEWALL 9	H245164-35	Soil	22-Aug-24 11:37	23-Aug-24 16:45
SIDEWALL 10	H245164-36	Soil	22-Aug-24 11:48	23-Aug-24 16:45
SIDEWALL 11	H245164-37	Soil	22-Aug-24 12:00	23-Aug-24 16:45
SIDEWALL 12	H245164-38	Soil	22-Aug-24 12:11	23-Aug-24 16:45
SIDEWALL 13	H245164-39	Soil	22-Aug-24 12:20	23-Aug-24 16:45
SIDEWALL 14	H245164-40	Soil	22-Aug-24 12:27	23-Aug-24 16:45
SIDEWALL 15	H245164-41	Soil	22-Aug-24 12:37	23-Aug-24 16:45
SIDEWALL 16	H245164-42	Soil	22-Aug-24 12:45	23-Aug-24 16:45

09/09/24 - Client changed the sample depths of -23, -24, -25 and -26 (see COC). This is the revised report and will replace the one sent on 08/27/24.

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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 1 @ 3'
H245164-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	4082611	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 71.5-134 4082601 JH 26-Aug-24 8021B

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane 87.9 % 48.2-134 4082501 MS 26-Aug-24 8015B

Surrogate: 1-Chlorooctadecane 82.2 % 49.1-148 4082501 MS 26-Aug-24 8015B

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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 2 @ 3'**H245164-02 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	4082611	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.9 %	71.5-134	4082601	JH	26-Aug-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B

Surrogate: 1-Chlorooctane	81.1 %	48.2-134	4082501	MS	26-Aug-24	8015B
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Surrogate: 1-Chlorooctadecane	75.4 %	49.1-148	4082501	MS	26-Aug-24	8015B
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 3 @ 3'**H245164-03 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4082611	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.9 %		71.5-134	4082601	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			102 %		48.2-134	4082501	MS	26-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			93.3 %		49.1-148	4082501	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 4 @ 3'**H245164-04 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4082611	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	97.6 %	71.5-134	4082601	JH	26-Aug-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B

Surrogate: 1-Chlorooctane	104 %	48.2-134	4082501	MS	26-Aug-24	8015B
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Surrogate: 1-Chlorooctadecane	97.4 %	49.1-148	4082501	MS	26-Aug-24	8015B
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 5 @ 4'**H245164-05 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4082611	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		97.9 %		71.5-134	4082601	JH	26-Aug-24	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctane		102 %		48.2-134	4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctadecane		94.3 %		49.1-148	4082501	MS	26-Aug-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 6 @ 4'**H245164-06 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4082611	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			97.7 %		71.5-134	4082601	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			109 %		48.2-134	4082501	MS	26-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			100 %		49.1-148	4082501	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 7 @ 4'**H245164-07 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4082611	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.5 %		71.5-134	4082601	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			104 %		48.2-134	4082501	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			95.4 %		49.1-148	4082501	MS	26-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 8 @ 4'**H245164-08 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	97.7 %	71.5-134	4082601	JH	26-Aug-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B

Surrogate: 1-Chlorooctane	104 %	48.2-134	4082501	MS	26-Aug-24	8015B
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Surrogate: 1-Chlorooctadecane	95.8 %	49.1-148	4082501	MS	26-Aug-24	8015B
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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 9 @ 4'**H245164-09 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.9 %	71.5-134	4082601	JH	26-Aug-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B

Surrogate: 1-Chlorooctane	112 %	48.2-134	4082501	MS	26-Aug-24	8015B
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Surrogate: 1-Chlorooctadecane	104 %	49.1-148	4082501	MS	26-Aug-24	8015B
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 10 @ 4'**H245164-10 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	96.8 %	71.5-134	4082601	JH	26-Aug-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B

Surrogate: 1-Chlorooctane	108 %	48.2-134	4082501	MS	26-Aug-24	8015B
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Surrogate: 1-Chlorooctadecane	99.7 %	49.1-148	4082501	MS	26-Aug-24	8015B
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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 11 @ 4'**H245164-11 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		96.6 %		71.5-134	4082601	JH	26-Aug-24	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctane		85.7 %		48.2-134	4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctadecane		78.5 %		49.1-148	4082501	MS	26-Aug-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 12 @ 4'**H245164-12 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			98.3 %		71.5-134	4082601	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			91.8 %		48.2-134	4082501	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			83.4 %		49.1-148	4082501	MS	26-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 13 @ 3'**H245164-13 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.8 %	71.5-134		4082601	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			105 %	48.2-134		4082501	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			95.9 %	49.1-148		4082501	MS	26-Aug-24	8015B	
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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 14 @ 3'**H245164-14 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.8 %	71.5-134		4082601	JH	26-Aug-24	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctane			90.5 %	48.2-134		4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctadecane			82.9 %	49.1-148		4082501	MS	26-Aug-24	8015B	

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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 15 @ 3'
H245164-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			94.3 %	71.5-134		4082601	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			99.5 %	48.2-134		4082501	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			91.4 %	49.1-148		4082501	MS	26-Aug-24	8015B	
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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 16 @ 3'**H245164-16 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			99.3 %	71.5-134		4082601	JH	26-Aug-24	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctane			100 %	48.2-134		4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctadecane			91.9 %	49.1-148		4082501	MS	26-Aug-24	8015B	

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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 17 @ 3'
H245164-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			95.1 %	71.5-134		4082601	JH	26-Aug-24	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctane			92.7 %	48.2-134		4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctadecane			84.4 %	49.1-148		4082501	MS	26-Aug-24	8015B	

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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 18 @ 3'**H245164-18 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082601	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082601	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			96.1 %		71.5-134	4082601	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			85.6 %		48.2-134	4082501	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			77.5 %		49.1-148	4082501	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 19 @ 3'**H245164-19 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			97.5 %		71.5-134	4082603	JH	26-Aug-24	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctane			90.9 %		48.2-134	4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctadecane			82.9 %		49.1-148	4082501	MS	26-Aug-24	8015B	

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 20 @ 3'**H245164-20 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	64.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			96.9 %	71.5-134		4082603	JH	26-Aug-24	8021B	

Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctane			76.1 %	48.2-134		4082501	MS	26-Aug-24	8015B	
Surrogate: 1-Chlorooctadecane			69.4 %	49.1-148		4082501	MS	26-Aug-24	8015B	

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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 21 @ 3'**H245164-21 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	160		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %		71.5-134	4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			66.2 %		48.2-134	4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			79.7 %		49.1-148	4082502	MS	26-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 22 @ 3'
H245164-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane	73.2 %	48.2-134	4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane	87.0 %	49.1-148	4082502	MS	26-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 23 @ 5'
H245164-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			102 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			75.9 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			89.2 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 24 @ 5'
H245164-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.5 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			86.3 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 25 @ 5'**H245164-25 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			76.0 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			88.3 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

BOTTOM SAMPLE 26 @ 5'**H245164-26 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	96.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	106 %	71.5-134	4082602	JH	26-Aug-24	8021B
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B

Surrogate: 1-Chlorooctane	78.7 %	48.2-134	4082502	MS	26-Aug-24	8015B
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Surrogate: 1-Chlorooctadecane	93.9 %	49.1-148	4082502	MS	26-Aug-24	8015B
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 1
H245164-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082616	HM	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			78.6 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			91.1 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 2
H245164-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			104 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			77.1 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			90.3 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 3
H245164-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			72.4 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			88.3 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 4
H245164-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			81.7 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			97.4 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 5
H245164-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			62.1 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			75.3 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 6
H245164-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			106 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			66.9 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			78.6 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 7
H245164-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			57.0 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			68.6 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 8
H245164-34 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			103 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			75.4 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			90.4 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 9
H245164-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			105 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			78.3 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			92.5 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 10**H245164-36 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050	0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050	0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050	0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150	0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300	0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)	105 %	71.5-134	4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0	10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0	10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0	10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane	76.0 %	48.2-134	4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane	90.5 %	49.1-148	4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 11
H245164-37 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			79.8 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			96.0 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 12**H245164-38 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	48.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			105 %		71.5-134	4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			62.8 %		48.2-134	4082502	MS	26-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			74.7 %		49.1-148	4082502	MS	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 13**H245164-39 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			103 %	71.5-134		4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			82.4 %	48.2-134		4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			100 %	49.1-148		4082502	MS	26-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 14**H245164-40 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082602	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082602	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			106 %		71.5-134	4082602	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082502	MS	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			80.3 %		48.2-134	4082502	MS	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			97.0 %		49.1-148	4082502	MS	26-Aug-24	8015B	
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 15**H245164-41 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	32.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082603	JH	26-Aug-24	8021B	

<i>Surrogate: 4-Bromofluorobenzene (PID)</i>			96.5 %		71.5-134	4082603	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082504	ms	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082504	ms	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082504	ms	26-Aug-24	8015B	

<i>Surrogate: 1-Chlorooctane</i>			72.8 %		48.2-134	4082504	ms	26-Aug-24	8015B	
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<i>Surrogate: 1-Chlorooctadecane</i>			84.2 %		49.1-148	4082504	ms	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

SIDEWALL 16**H245164-42 (Soil)**

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
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Cardinal Laboratories**Inorganic Compounds**

Chloride	80.0		16.0	mg/kg	4	4082617	AC	26-Aug-24	4500-Cl-B	
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Volatile Organic Compounds by EPA Method 8021

Benzene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Toluene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Ethylbenzene*	<0.050		0.050	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Total Xylenes*	<0.150		0.150	mg/kg	50	4082603	JH	26-Aug-24	8021B	
Total BTEX	<0.300		0.300	mg/kg	50	4082603	JH	26-Aug-24	8021B	

Surrogate: 4-Bromofluorobenzene (PID)			97.6 %		71.5-134	4082603	JH	26-Aug-24	8021B	
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Petroleum Hydrocarbons by GC FID

GRO C6-C10*	<10.0		10.0	mg/kg	1	4082504	ms	26-Aug-24	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	4082504	ms	26-Aug-24	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	4082504	ms	26-Aug-24	8015B	

Surrogate: 1-Chlorooctane			75.8 %		48.2-134	4082504	ms	26-Aug-24	8015B	
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Surrogate: 1-Chlorooctadecane			86.3 %		49.1-148	4082504	ms	26-Aug-24	8015B	
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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.
P.O. Box 805
Hobbs NM, 88241

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

Inorganic Compounds - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4082611 - 1:4 DI Water**Blank (4082611-BLK1)**

Prepared & Analyzed: 26-Aug-24

Chloride	ND	16.0	mg/kg						
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LCS (4082611-BS1)

Prepared & Analyzed: 26-Aug-24

Chloride	416	16.0	mg/kg	400	104	80-120			
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LCS Dup (4082611-BSD1)

Prepared & Analyzed: 26-Aug-24

Chloride	416	16.0	mg/kg	400	104	80-120	0.00	20	
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Batch 4082616 - 1:4 DI Water**Blank (4082616-BLK1)**

Prepared & Analyzed: 26-Aug-24

Chloride	ND	16.0	mg/kg						
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LCS (4082616-BS1)

Prepared & Analyzed: 26-Aug-24

Chloride	432	16.0	mg/kg	400	108	80-120			
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LCS Dup (4082616-BSD1)

Prepared & Analyzed: 26-Aug-24

Chloride	448	16.0	mg/kg	400	112	80-120	3.64	20	
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Batch 4082617 - 1:4 DI Water**Blank (4082617-BLK1)**

Prepared & Analyzed: 26-Aug-24

Chloride	ND	16.0	mg/kg						
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LCS (4082617-BS1)

Prepared & Analyzed: 26-Aug-24

Chloride	416	16.0	mg/kg	400	104	80-120			
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:BBC International, Inc.
P.O. Box 805
Hobbs NM, 88241Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397Reported:
09-Sep-24 13:44**Inorganic Compounds - Quality Control****Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4082617 - 1:4 DI Water**LCS Dup (4082617-BSD1)**

Prepared & Analyzed: 26-Aug-24

Chloride	432	16.0	mg/kg	400		108	80-120	3.77	20	
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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4082601 - Volatiles**Blank (4082601-BLK1)**

Prepared & Analyzed: 26-Aug-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		96.8	71.5-134			

LCS (4082601-BS1)

Prepared & Analyzed: 26-Aug-24

Benzene	2.05	0.050	mg/kg	2.00		102	82.8-130			
Toluene	1.98	0.050	mg/kg	2.00		99.0	86-128			
Ethylbenzene	1.98	0.050	mg/kg	2.00		98.8	85.9-128			
m,p-Xylene	3.95	0.100	mg/kg	4.00		98.8	89-129			
o-Xylene	1.93	0.050	mg/kg	2.00		96.6	86.1-125			
Total Xylenes	5.88	0.150	mg/kg	6.00		98.0	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.6	71.5-134			

LCS Dup (4082601-BS1)

Prepared & Analyzed: 26-Aug-24

Benzene	1.93	0.050	mg/kg	2.00		96.5	82.8-130	5.87	15.8	
Toluene	1.90	0.050	mg/kg	2.00		95.0	86-128	4.16	15.9	
Ethylbenzene	1.89	0.050	mg/kg	2.00		94.6	85.9-128	4.35	16	
m,p-Xylene	3.77	0.100	mg/kg	4.00		94.2	89-129	4.75	16.2	
o-Xylene	1.86	0.050	mg/kg	2.00		92.9	86.1-125	3.90	16.7	
Total Xylenes	5.63	0.150	mg/kg	6.00		93.8	88.2-128	4.47	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0479		mg/kg	0.0500		95.9	71.5-134			

Batch 4082602 - Volatiles**Blank (4082602-BLK1)**

Prepared & Analyzed: 26-Aug-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							

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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4082602 - Volatiles**Blank (4082602-BLK1)**

Prepared & Analyzed: 26-Aug-24

Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.0523		mg/kg	0.0500		105	71.5-134			

LCS (4082602-BS1)

Prepared & Analyzed: 26-Aug-24

Benzene	2.16	0.050	mg/kg	2.00		108	82.8-130			
Toluene	2.21	0.050	mg/kg	2.00		110	86-128			
Ethylbenzene	2.21	0.050	mg/kg	2.00		110	85.9-128			
m,p-Xylene	4.60	0.100	mg/kg	4.00		115	89-129			
o-Xylene	2.21	0.050	mg/kg	2.00		110	86.1-125			
Total Xylenes	6.81	0.150	mg/kg	6.00		113	88.2-128			
Surrogate: 4-Bromofluorobenzene (PID)	0.0500		mg/kg	0.0500		100	71.5-134			

LCS Dup (4082602-BS1)

Prepared & Analyzed: 26-Aug-24

Benzene	2.16	0.050	mg/kg	2.00		108	82.8-130	0.0194	15.8	
Toluene	2.22	0.050	mg/kg	2.00		111	86-128	0.550	15.9	
Ethylbenzene	2.23	0.050	mg/kg	2.00		111	85.9-128	0.903	16	
m,p-Xylene	4.57	0.100	mg/kg	4.00		114	89-129	0.539	16.2	
o-Xylene	2.22	0.050	mg/kg	2.00		111	86.1-125	0.441	16.7	
Total Xylenes	6.79	0.150	mg/kg	6.00		113	88.2-128	0.220	16.3	
Surrogate: 4-Bromofluorobenzene (PID)	0.0520		mg/kg	0.0500		104	71.5-134			

Batch 4082603 - Volatiles**Blank (4082603-BLK1)**

Prepared & Analyzed: 26-Aug-24

Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	ND		mg/kg	0.0500		97.1	71.5-134			

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

Volatile Organic Compounds by EPA Method 8021 - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
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Batch 4082603 - Volatiles**LCS (4082603-BS1)**

Prepared & Analyzed: 26-Aug-24

Benzene	1.96	0.050	mg/kg	2.00		98.0	82.8-130		
Toluene	1.91	0.050	mg/kg	2.00		95.4	86-128		
Ethylbenzene	1.92	0.050	mg/kg	2.00		96.1	85.9-128		
m,p-Xylene	3.82	0.100	mg/kg	4.00		95.5	89-129		
o-Xylene	1.88	0.050	mg/kg	2.00		94.1	86.1-125		
Total Xylenes	5.70	0.150	mg/kg	6.00		95.0	88.2-128		

Surrogate: 4-Bromofluorobenzene (PID)	0.0485		mg/kg	0.0500		96.9	71.5-134		
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LCS Dup (4082603-BSD1)

Prepared & Analyzed: 26-Aug-24

Benzene	2.07	0.050	mg/kg	2.00		103	82.8-130	5.24	15.8
Toluene	2.01	0.050	mg/kg	2.00		100	86-128	5.14	15.9
Ethylbenzene	2.01	0.050	mg/kg	2.00		101	85.9-128	4.58	16
m,p-Xylene	4.01	0.100	mg/kg	4.00		100	89-129	4.78	16.2
o-Xylene	1.97	0.050	mg/kg	2.00		98.3	86.1-125	4.32	16.7
Total Xylenes	5.97	0.150	mg/kg	6.00		99.6	88.2-128	4.63	16.3

Surrogate: 4-Bromofluorobenzene (PID)	0.0488		mg/kg	0.0500		97.6	71.5-134		
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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 4082501 - General Prep - Organics**Blank (4082501-BLK1)**

Prepared: 25-Aug-24 Analyzed: 26-Aug-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	56.1		mg/kg	50.0		112	48.2-134			
Surrogate: 1-Chlorooctadecane	53.2		mg/kg	50.0		106	49.1-148			

LCS (4082501-BS1)

Prepared: 25-Aug-24 Analyzed: 26-Aug-24

GRO C6-C10	187	10.0	mg/kg	200		93.3	66.4-123			
DRO >C10-C28	194	10.0	mg/kg	200		96.9	66.5-118			
Total TPH C6-C28	380	10.0	mg/kg	400		95.1	77.6-123			
Surrogate: 1-Chlorooctane	59.8		mg/kg	50.0		120	48.2-134			
Surrogate: 1-Chlorooctadecane	55.1		mg/kg	50.0		110	49.1-148			

LCS Dup (4082501-BS1)

Prepared: 25-Aug-24 Analyzed: 26-Aug-24

GRO C6-C10	187	10.0	mg/kg	200		93.7	66.4-123	0.470	17.7	
DRO >C10-C28	191	10.0	mg/kg	200		95.4	66.5-118	1.55	21	
Total TPH C6-C28	378	10.0	mg/kg	400		94.6	77.6-123	0.554	18.5	
Surrogate: 1-Chlorooctane	56.9		mg/kg	50.0		114	48.2-134			
Surrogate: 1-Chlorooctadecane	52.1		mg/kg	50.0		104	49.1-148			

Batch 4082502 - General Prep - Organics**Blank (4082502-BLK1)**

Prepared: 25-Aug-24 Analyzed: 26-Aug-24

GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	46.1		mg/kg	50.0		92.1	48.2-134			
Surrogate: 1-Chlorooctadecane	56.4		mg/kg	50.0		113	49.1-148			

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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch 4082502 - General Prep - Organics**LCS (4082502-BS1)**

Prepared: 25-Aug-24 Analyzed: 26-Aug-24

GRO C6-C10	210	10.0	mg/kg	200		105	66.4-123		
DRO >C10-C28	222	10.0	mg/kg	200		111	66.5-118		
Total TPH C6-C28	432	10.0	mg/kg	400		108	77.6-123		
Surrogate: 1-Chlorooctane	53.4		mg/kg	50.0		107	48.2-134		
Surrogate: 1-Chlorooctadecane	63.1		mg/kg	50.0		126	49.1-148		

LCS Dup (4082502-BS1)

Prepared: 25-Aug-24 Analyzed: 26-Aug-24

GRO C6-C10	207	10.0	mg/kg	200		103	66.4-123	1.42	17.7
DRO >C10-C28	212	10.0	mg/kg	200		106	66.5-118	4.75	21
Total TPH C6-C28	418	10.0	mg/kg	400		105	77.6-123	3.12	18.5
Surrogate: 1-Chlorooctane	49.6		mg/kg	50.0		99.2	48.2-134		
Surrogate: 1-Chlorooctadecane	58.3		mg/kg	50.0		117	49.1-148		

Batch 4082504 - General Prep - Organics**Blank (4082504-BLK1)**

Prepared: 25-Aug-24 Analyzed: 26-Aug-24

GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	44.7		mg/kg	50.0		89.4	48.2-134		
Surrogate: 1-Chlorooctadecane	52.9		mg/kg	50.0		106	49.1-148		

LCS (4082504-BS1)

Prepared: 25-Aug-24 Analyzed: 26-Aug-24

GRO C6-C10	224	10.0	mg/kg	200		112	66.4-123		
DRO >C10-C28	213	10.0	mg/kg	200		106	66.5-118		
Total TPH C6-C28	437	10.0	mg/kg	400		109	77.6-123		
Surrogate: 1-Chlorooctane	51.2		mg/kg	50.0		102	48.2-134		
Surrogate: 1-Chlorooctadecane	61.2		mg/kg	50.0		122	49.1-148		

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Project: BRAVO DOME 1834 101G LEG 5 (1
Project Number: NOT GIVEN
Project Manager: Cliff Brunson
Fax To: (575) 397-0397

Reported:
09-Sep-24 13:44

Petroleum Hydrocarbons by GC FID - Quality Control**Cardinal Laboratories**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit	Notes
---------	--------	--------------------	-------	----------------	------------------	----------------	-----	--------------	-------

Batch 4082504 - General Prep - Organics**LCS Dup (4082504-BSD1)**

Prepared: 25-Aug-24 Analyzed: 26-Aug-24

GRO C6-C10	224	10.0	mg/kg	200		112	66.4-123	0.232	17.7
DRO >C10-C28	209	10.0	mg/kg	200		105	66.5-118	1.71	21
Total TPH C6-C28	434	10.0	mg/kg	400		108	77.6-123	0.711	18.5
Surrogate: 1-Chlorooctane	48.6		mg/kg	50.0		97.1	48.2-134		
Surrogate: 1-Chlorooctadecane	55.6		mg/kg	50.0		111	49.1-148		

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- 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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: BRAVO DOME 1834 101G LEG 5 (1/4/22)

Project Location: New Mexico

Sampler Name: SIMON RENDON

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	BTEX	TPHEX
4245164	BOTTOM SAMPLE 1@ 3'		1	GROUNDWATER			8/21/24	11:20AM	✓	✓	✓
	BOTTOM SAMPLE 2@ 3'		1	WASTEWATER			8/21/24	11:34AM	✓	✓	✓
	BOTTOM SAMPLE 3@ 3'		1	SOIL			8/21/24	11:45AM	✓	✓	✓
	BOTTOM SAMPLE 4@ 3'		1	OIL			8/21/24	11:56AM	✓	✓	✓
	BOTTOM SAMPLE 5@ 4'		1	SLUDGE			8/21/24	12:10PM	✓	✓	✓
	BOTTOM SAMPLE 6@ 4'		1	OTHER :			8/21/24	12:48PM	✓	✓	✓
	BOTTOM SAMPLE 7@ 4'		1	ACID/BASE:			8/21/24	1:09PM	✓	✓	✓
	BOTTOM SAMPLE 8@ 4'		1	ICE / COOL			8/21/24	1:20PM	✓	✓	✓
	BOTTOM SAMPLE 9@ 4'		1	OTHER :			8/21/24	1:32PM	✓	✓	✓
	BOTTOM SAMPLE 10@ 4'		1				8/21/24	1:45PM	✓	✓	✓

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Relinquished By:

Relinquished By: [Signature]

Date: 8-23-24 Received By:

Date: 8-23-24 Received By: [Signature]

Phone Result: ☐ Yes ☐ No Add'l Phone #:
Fax Result: ☐ Yes ☐ No Add'l Fax #:
REMARKS: 48hr Rush

Delivered By: (Circle One) CF-O-65 #140 Sample Condition: ☒ Intact ☐ Cool ☐ Yes ☐ No
Sampler - UPS - Bus - Other: -6.32/-6.92

CHECKED BY: [Signature] (Initials) 92.

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

1045



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

285

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST			
Project Manager: Cliff Brunson				P.O. #:							
Address: P.O. Box 805				Company: Oxy							
City: Hobbs				Attn:							
State: NM zip: 88241				Address:							
Phone #: 575-397-6388 Fax #: 575-397-0397				City:							
Project #:				State:							
Project Name: BRAVO DOME 1834 101G LEG 5 (1/4/22)				Zip:							
Project Location: New Mexico				Phone #:							
Sample Name: SIMON RENDON				Fax #:							
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX		PRESERV	SAMPLING				
		GROUNDWATER		SOIL							
		WASTEWATER		OIL							
		SLUDGE		OTHER :							
		ACID/BASE:		ICE / COOL							
		OTHER :									
		DATE	TIME								
H245164	BOTTOM SAMPLE 11@ 4'	8/21/24	1:56PM	✓	Chloride						
11	BOTTOM SAMPLE 12@ 4'	8/21/24	2:10PM	✓	BTEX						
12	BOTTOM SAMPLE 13@ 3'	8/21/24	2:23PM	✓	TPHEXT						
13	BOTTOM SAMPLE 14@ 3'	8/21/24	2:35PM	✓							
14	BOTTOM SAMPLE 15@ 3'	8/21/24	2:48PM	✓							
15	BOTTOM SAMPLE 16@ 3'	8/21/24	3:00PM	✓							
16	BOTTOM SAMPLE 17@ 3'	8/21/24	3:10PM	✓							
17	BOTTOM SAMPLE 18@ 3'	8/21/24	3:19PM	✓							
18	BOTTOM SAMPLE 19@ 3'	8/21/24	3:31PM	✓							
19	BOTTOM SAMPLE 20@ 3'	8/21/24	3:46PM	✓							
20											

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Relinquished By:	Date: 8-23-24	Received By:	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date: 8-23-24	Received By:	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #:
REMARKS:				

Delivered By: (Circle One) **Clean Home** **CF-0.6°C ±140** **Sample Condition** **CHECKED BY:** **(Initials)**

Sampler - UPS - Bus - Other: **-6.3°C/-6.9°C** **Cool Intact** **Yes** **No** **498 hr Rush**



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

State: NM Zip: 88241

Phone #: 575-397-6388

Fax #: 575-397-0397

Project #:

Project Owner: Oxy

Project Name: BRAVO DOME 1834 101G LEG 5 (1/4/22)

Project Location: New Mexico

Sample Name: SIMON RENDON

FOR LAB USE ONLY

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State:

Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	BTEX	TPHEXT						
4445164	BOTTOM SAMPLE 21@ 3'		1	GROUNDWATER			8/21/24	3:58PM	✓	✓	✓						
38	BOTTOM SAMPLE 22@ 3'			WASTEWATER			8/21/24	4:12PM	✓	✓	✓						
33	BOTTOM SAMPLE 23@ 3'			SOIL			8/22/24	9:20AM	✓	✓	✓						
34	BOTTOM SAMPLE 24@ 3'			OIL			8/22/24	9:34AM	✓	✓	✓						
35	BOTTOM SAMPLE 25@ 3'			SLUDGE			8/22/24	9:49AM	✓	✓	✓						
36	BOTTOM SAMPLE 26@ 3'			OTHER :			8/22/24	10:12AM	✓	✓	✓						
37	SIDEWALL 1			ACID/BASE:			8/22/24	10:22AM	✓	✓	✓						
38	SIDEWALL 2			ICE / COOL			8/22/24	10:34AM	✓	✓	✓						
39	SIDEWALL 3			OTHER :			8/22/24	10:45AM	✓	✓	✓						
30	SIDEWALL 4						8/22/24	10:56AM	✓	✓	✓						

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Relinquished By:

Date: 8/23/24

Received By:

Date: 8/23/24

Time: 7:00 AM

Time: 8:33 AM

Relinquished By: *Samuel*

Received By: *Samuel*

Time: 8:33 AM

Delivered By: (Circle One)

UPS

Bus

Other

Time: 8:33 AM

Time: 8:33 AM

Relinquished By: *Samuel*

Received By: *Samuel*

Time: 8:33 AM

Sample Condition

Cool

Intact

Yes

No

Yes

No

Yes

No

Checked By: (Initials)

Checked By: (Initials)

Checked By: (Initials)

Checked By: (Initials)

Checked By: (Initials)

Checked By: (Initials)

Checked By: (Initials)

Checked By: (Initials)

Checked By: (Initials)

Remarks:

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Phone Result:

Phone Result:

Phone Result:

Phone Result:

Phone Result:

Phone Result:

Phone Result:

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Phone Result:

Fax Result:

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Fax Result:

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Fax Result:

Fax Result:

Fax Result:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

485

Company Name: BBC International, Inc.						P.O. #:						ANALYSIS REQUEST					
Project Manager: Cliff Brunson						Company: Oxy											
Address: P.O. Box 805						Attn:											
City: Hobbs						State: NM Zip: 88241											
Phone #: 575-397-6388						Fax #: 575-397-0397						Address:					
Project #:						Project Owner: Oxy						City:					
Project Name: BRAVO DOME 1834 101G LEG 5 (1/4/22)						State: Zip:											
Project Location: New Mexico						Phone #:											
Sample Name: SIMON RENDON						Fax #:											
FOR LAB USE ONLY						MATRIX						PRESERV					
Lab I.D.						Sample I.D.											
(G)RAB OR (C)OMP.						# CONTAINERS											
GROUNDWATER						WASTEWATER											
SOIL						OIL											
SLUDGE						OTHER :											
ACID/BASE:						ICE / COOL											
OTHER :																	
DATE						TIME											
8/22/24						11:04AM						Chloride					
8/22/24						11:12AM						BTX					
8/22/24						11:21AM						TPHEXT					
8/22/24						11:30AM											
8/22/24						11:37AM											
8/22/24						11:48AM											
8/22/24						12:00PM											
8/22/24						12:11PM											
8/22/24						12:20PM											
8/22/24						12:27PM											
SIDEWALL 5						SIDEWALL 6											
SIDEWALL 7						SIDEWALL 8											
SIDEWALL 9						SIDEWALL 10											
SIDEWALL 11						SIDEWALL 12											
SIDEWALL 13						SIDEWALL 14											
SIDEWALL 14																	
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Relinquished By: [Signature]						Date: 8-23-24						Received By: [Signature]					
Time: 7:00 AM						Date: 8-23-24						Received By: [Signature]					
Relinquished By: [Signature]						Time: 7:45 PM						Received By: [Signature]					
Delivered By: (Circle One) Sampler - UPS - Bus - Other: [initials]						Sample Condition <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No						CHECKED BY: [Signature] (Initials)					
REMARKS: H8m Resh						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 #:					



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

545

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST															
Project Manager: Cliff Brunson				P.O. #:																			
Address: P.O. Box 805				Company: Oxy																			
City: Hobbs				Attn:																			
Phone #: 575-397-6388				Address:																			
State: NM Zip: 88241																							
Fax #: 575-397-0397																							
Project #:				City:																			
Project Owner: Oxy				State:																			
Project Name: BRAVO DOME 1834 101G LEG 5 (1/4/22)				Zip:																			
Project Location: New Mexico																							
Sample Name: SIMON RENDON				Fax #:																			
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING											
H2457104		SIDEWALL 15		G		1		GROUNDWATER				DATE		TIME		Chloride							
41		SIDEWALL 16		✓		✓		WASTEWATER				8/22/24		12:37PM		BTEX							
42				✓				SOIL				8/22/24		12:45PM		TPH EXT							
								OIL															
								SLUDGE															
								OTHER :															
								ACID/BASE:															
								ICE / COOL															
								OTHER :															

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Relinquished By:	Date: 8-23-24	Received By:	Date: 8-23-24	Time: 11:00 AM	Time: 11:00 AM	Phone Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #:
Relinquished By:	Date: 8-23-24	Received By:	Date: 8-23-24	Time: 11:00 AM	Time: 11:00 AM	Fax Result:	<input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #:

Delivered By: (Circle One) **CF-O.G.E. #140** **Checked By:** **CF-O.G.E. #140** **Sample Condition:** ☒ Intact ☐ Cool ☐ Yes ☐ No ☐ Yes ☐ No **Sampler - UPS - Bus - Other:** **-6.3°C / -6.9°C** **48 hr Rush**

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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

QUESTIONS

Action 381886

QUESTIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	381886
Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2200553732
Incident Name	NAPP2200553732 BRAVO DOME 1834 101G LEG 5 @ 0
Incident Type	Produced Water Release
Incident Status	Remediation Closure Report Received

Location of Release Source	
Please answer all the questions in this group.	
Site Name	BRAVO DOME 1834 101G LEG 5
Date Release Discovered	01/04/2022
Surface Owner	Private

Incident Details	
Please answer all the questions in this group.	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Other Flow Line - Production Produced Water Released: 29 BBL Recovered: 0 BBL Lost: 29 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	Yes
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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
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QUESTIONS, Page 2

Action 381886

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	381886
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more.
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.	

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 09/09/2024
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QUESTIONS, Page 3

Action 381886

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	381886
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS**Site Characterization**

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 100 and 500 (ft.)
What method was used to determine the depth to ground water	NM OSE iWaters Database Search
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Between 1 and 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1 and 5 (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Between 1 and 5 (mi.)
An (non-karst) unstable area	Between 1 and 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Between ½ and 1 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	160
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	10
GRO+DRO (EPA SW-846 Method 8015M)	10
BTEX (EPA SW-846 Method 8021B or 8260B)	0.3
Benzene (EPA SW-846 Method 8021B or 8260B)	0.5

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	08/12/2024
On what date will (or did) the final sampling or liner inspection occur	08/21/2024
On what date will (or was) the remediation complete(d)	09/06/2024
What is the estimated surface area (in square feet) that will be reclaimed	5059
What is the estimated volume (in cubic yards) that will be reclaimed	952
What is the estimated surface area (in square feet) that will be remediated	5059
What is the estimated volume (in cubic yards) that will be remediated	952

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 381886

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 381886
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)	
<i>Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.</i>	
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
<i>(Select all answers below that apply.)</i>	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	GANDY MARLEY LANDFARM/LANDFILL [FEEM0112338393]
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	Not answered.
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.
<i>Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.</i>	
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.	
I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 09/09/2024
<i>The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.</i>	

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QUESTIONS, Page 5

Action 381886

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 381886
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 381886

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:	16696
	Action Number:	381886
	Action Type:	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	374647
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	08/22/2024
What was the (estimated) number of samples that were to be gathered	42
What was the sampling surface area in square feet	5059

Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	5059
What was the total volume (cubic yards) remediated	952
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	5059
What was the total volume (in cubic yards) reclaimed	952
Summarize any additional remediation activities not included by answers (above)	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1, SP 5, SP6 and SP7 (BLUE shade on diagram) was excavated to a depth of 3 feet. The leak area near SP2 and SP4 (GREEN shade on diagram) was excavated to a depth of 4 feet. Leak area near SP3 (YELLOW shade on diagram) was excavated to the depth 5 feet. OXY collected bottom and sidewall confirmation samples every 200 square feet

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 (in .pdf format) 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.

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.

I hereby agree and sign off to the above statement	Name: Wade Dittrich Title: Environmental Coordinator Email: wade_dittrich@oxy.com Date: 09/09/2024
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QUESTIONS, Page 7

Action 381886

QUESTIONS (continued)

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 381886
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
Only answer the questions in this group if all reclamation steps have been completed.	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 381886

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID:
	16696
	Action Number:
	381886
Action Type:	
[C-141] Remediation Closure Request C-141 (C-141-v-Closure)	

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	9/11/2024