

Closure Report

ID# nAPP2105639817

Site Description

Site Name:	BRAVO DOME PLANT
Company:	Oxy USA, Inc.
Legal Description:	U/L D, Section 26, T19 N, R34E
County:	UION COUNTY, NM
GPS Coordinates:	N 35.854545,W-103.299072

Release Data

Date of Release:	2/19/2021
Type of Release:	Produced water, Cude Oil
Source of Release:	EXTERNAL CORROSION
Volume of Release:	7BBLS, 3BBLS
Volume Recovered:	2BBLS, 1BBLS

Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1 (YELLOW shade on diagram) was excavated to a depth of 2 feet. The leak area near SP2 and SP3 (ORANGE shade on diagram) was excavated to a depth of 1 foot. OXY collected bottom and sidewall confirmation samples every 200 square feet.
Remediation Activities:	

Plan Sent to OCD:	8/30/2021	
OCD Approval of Plan:	8/30/2021	
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 11/1/23, 11/2/23, 11/9/23	
Notifications	10/27/2023	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

11/30/2023

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2105639817
District RP	
Facility ID	
Application ID	


Closure

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

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

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

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 11-13-23
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

From: [Wells, Shelly, EMNRD](#)
To: [Cliff P. Brunson](#); [Velez, Nelson, EMNRD](#); [Bratcher, Michael, EMNRD](#)
Cc: [Wade Dittrich](#); [Tyson Pierce](#); [Kathy Sweeney](#); [Jennifer Gilkey](#)
Subject: RE: [EXTERNAL] OXY - Bravo Dome Plant (2/19/21) (nAPP2105639817) - Sampling Notification
Date: Friday, October 27, 2023 3:23:52 PM

Hi Cliff,

The OCD has received your notification. Include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thank you,

Shelly

Shelly Wells * Environmental Specialist-Advanced
Environmental Bureau
EMNRD-Oil Conservation Division
1220 S. St. Francis Drive | Santa Fe, NM 87505
(505)469-7520 | Shelly.Wells@emnrd.nm.gov
<http://www.emnrd.state.nm.us/OCD/>

From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Friday, October 27, 2023 2:57 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: Wade Dittrich <Wade_Dittrich@oxy.com>; Tyson Pierce <tyson_pierce@oxy.com>; Kathy Sweeney <kathys@bbcinternational.com>; Jennifer Gilkey <jgilkey@bbcinternational.com>
Subject: [EXTERNAL] OXY - Bravo Dome Plant (2/19/21) (nAPP2105639817) - Sampling Notification

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Bravo Dome Plant (2/19/21) (nAPP2105639817) on Wednesday, November 1 at 11:00 a.m.

Cliff P. Brunson, CEI, CRS
CEO/President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397

OXY-BRAVO DOME PLANT

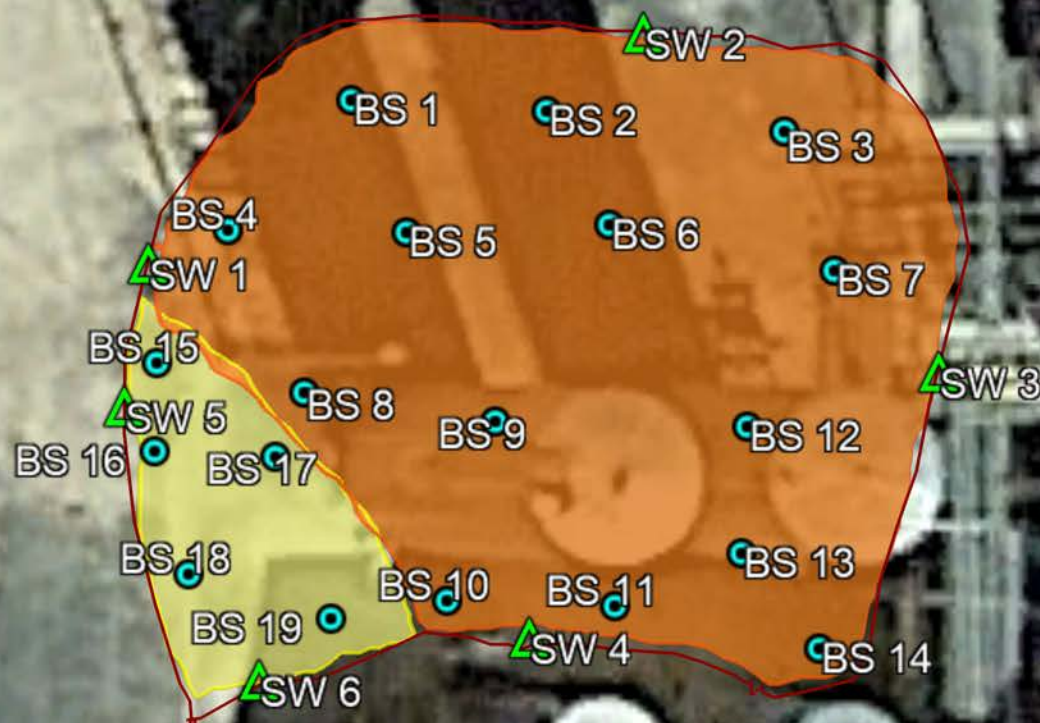
LEAK DATE 02/19/2021

UNION CO , NM

INCIDENT ID#nAPP2105639817

Legend

- 1' EXCAVATION
- 2' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- LEAK AREA
- SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

Released to Imaging: 2/28/2024 8:52:32 AM



50 ft

BRAVO DOME PLANT (2/19/21) SAMPLE DATE 11/1/23,11/2/23

BOTTOM SAMPLES POINTS

BS 1 @1'	N 35.854611	W-103.299174
BS 2@1'	N 35.854609	W-103.299119
BS 3@1'	N 35.854604	W-103.299051
BS 4 @1'	N 35.854581	W-103.299209
BS 5@1'	N 35.854581	W-103.299159
BS 6@1'	N 35.854583	W-103.299101
BS 7@1'	N 35.854572	W-103.299037
BS 8@1'	N 35.854544	W-103.299188
BS 9@1'	N 35.854537	W-103.299133
BS 10 @1'	N 35.854496	W-103.299147
BS 11 @1'	N 35.854495	W-103.299099
BS 12 @1'	N 35.854536	W-103.299062
BS 13@1'	N 35.854507	W-103.299064
BS 14@1'	N 35.854486	W-103.299042
BS 15@2'	N 35.854551	W-103.299229
BS 16@2'	N 35.854530	W-103.299230
BS 17@2'	N 35.854529	W-103.299196
BS 18@2'	N 35.854502	W-103.299220
BS 19@2'	N 35.854492	W-103.299180

SIDEWALL SAMPLE POINTS

SW 1	N 35.854573	W-103.299232
SW 2	N 35.854626	W-103.299092
SW 3	N 35.854548	W-103.299008
SW 4	N 35.854487	W-103.299124
SW 5	N 35.854540	W-103.299239
SW 6	N 35.854478	W-103.299200

	Sample ID	BS 1@1'	BS 2@1'	BS 3@1'	BS 4@1'	BS 5@1'	BS 6@1'	BS 7@1'	BS 8@1'	BS 9@1'	BS 10@1'	BS 11@1'	BS 12@1'	BS 13@1'	BS 14@1'
Analyte	Date	11/1/23	11/1/23	11/1/23	11/1/23	11/1/23	11/1/23	11/1/23	11/1/23	11/1/23	11/1/23	11/1/23	11/1/23	11/1/23	11/1/23
		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
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
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
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
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
Chloride		64.0	64.0	64.0	80.0	80.0	80.0	64.0	64.0	80.0	64.0	64.0	64.0	64.0	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
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
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

	Sample ID	BS 15@2'	BS 16@2'	BS 17@2'	BS 18@2'	BS 19@2'
Analyte	Date	11/1/23	11/1/23	11/2/23	11/2/23	11/2/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		80.0	64.0	64.0	64.0	48.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<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
Analyte	Date	11/2/23	11/2/23	11/2/23	11/2/23	11/2/23	11/2/23	11/2/23
		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
Toluene		<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
Total Xylenes		<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
Chloride		80.0	48.0	64.0	48.0	48.0	64.0	48.0
GRO		<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
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

OXY-BRAVO DOME PLANT 2/19/21)





OXY-BRAVO DOME PLANT 2/19/21)





OXY-BRAVO DOME PLANT 2/19/21)





OXY-BRAVO DOME PLANT 2/19/21)





OXY-BRAVO DOME PLANT 2/19/21)





OXY-BRAVO DOME PLANT 2/19/21)



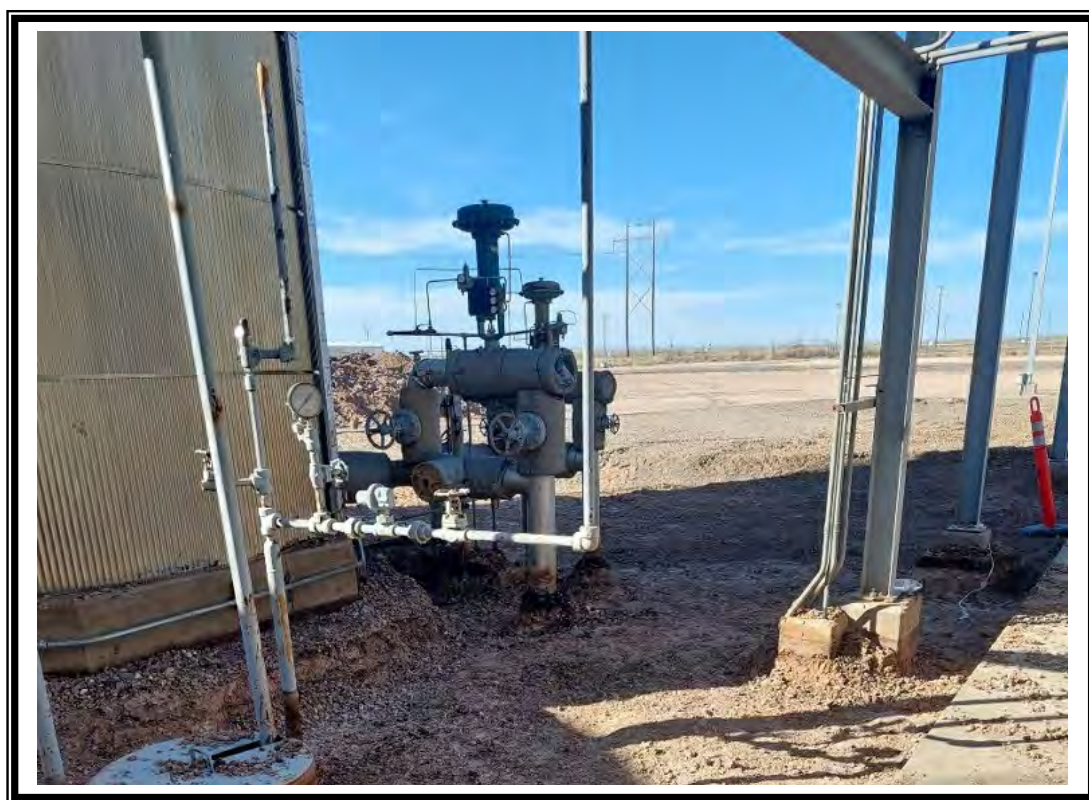


OXY-BRAVO DOME PLANT 2/19/21)





OXY-BRAVO DOME PLANT 2/19/21)





OXY-BRAVO DOME PLANT 2/19/21)





OXY-BRAVO DOME PLANT 2/19/21)





OXY-BRAVO DOME PLANT 2/19/21)





OXY-BRAVO DOME PLANT 2/19/21)



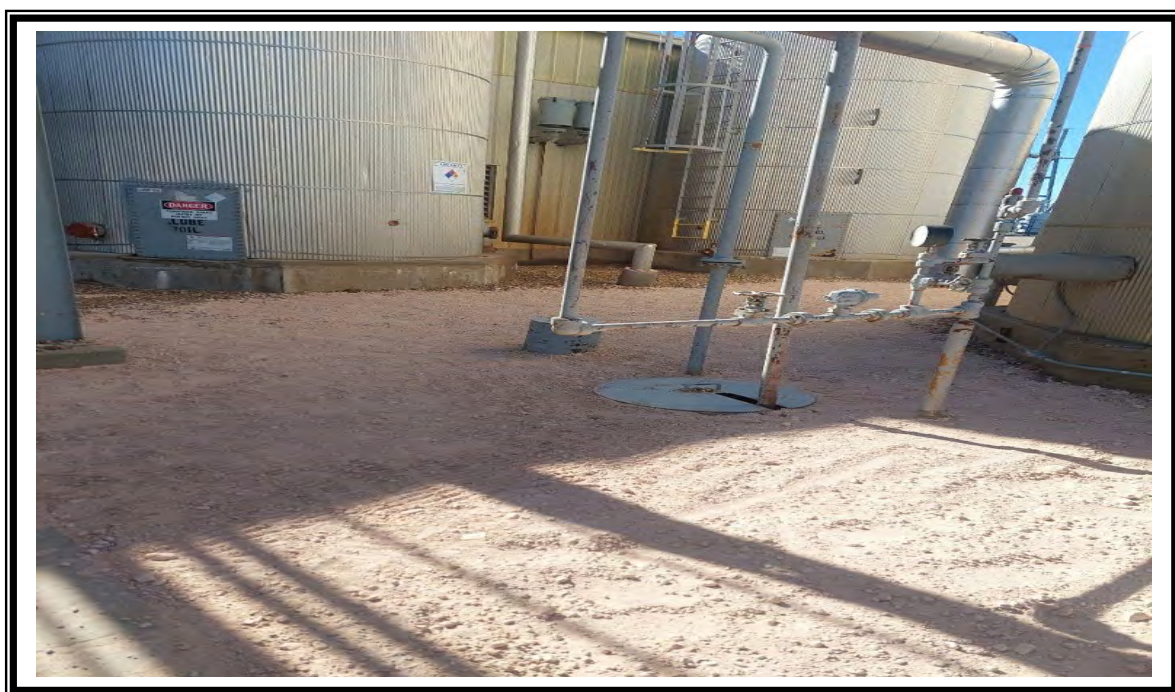


OXY-BRAVO DOME PLANT 2/19/21)





OXY-BRAVO DOME PLANT 2/19/21)



OXY-BRAVO DOME PLANT 2/19/21)



OXY-BRAVO DOME PLANT 2/19/21)





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

November 09, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: BRAVO DOME PLANT (2/19/21)

Enclosed are the results of analyses for samples received by the laboratory on 11/06/23 8:40.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. 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 style with a large, stylized 'C' and 'K'.

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:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H236063-01)

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	11/06/2023	ND	1.94	97.2	2.00	0.588	
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49	
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49	
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25	
Total BTX	<0.300	0.300	11/06/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	11/07/2023	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	11/07/2023	ND	225	113	200	20.9	
DRO >C10-C28*	<10.0	10.0	11/07/2023	ND	235	117	200	20.4	
EXT DRO >C28-C36	<10.0	10.0	11/07/2023	ND					

Surrogate: 1-Chlorooctane 76.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.8 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 2 @ 1' (H236063-02)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 114 % 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	11/07/2023	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	11/07/2023	ND	225	113	200	20.9	
DRO >C10-C28*	<10.0	10.0	11/07/2023	ND	235	117	200	20.4	
EXT DRO >C28-C36	<10.0	10.0	11/07/2023	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.1 % 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.
 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H236063-03)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	11/07/2023	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	11/07/2023	ND	225	113	200	20.9	
DRO >C10-C28*	<10.0	10.0	11/07/2023	ND	235	117	200	20.4	
EXT DRO >C28-C36	<10.0	10.0	11/07/2023	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 49.1-148

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*=Accredited Analyte

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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:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H236063-04)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	80.0	16.0	11/07/2023	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	11/07/2023	ND	225	113	200	20.9	
DRO >C10-C28*	<10.0	10.0	11/07/2023	ND	235	117	200	20.4	
EXT DRO >C28-C36	<10.0	10.0	11/07/2023	ND					

Surrogate: 1-Chlorooctane 78.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.5 % 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:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H236063-05)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 120 % 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	80.0	16.0	11/07/2023	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	11/07/2023	ND	225	113	200	20.9	
DRO >C10-C28*	<10.0	10.0	11/07/2023	ND	235	117	200	20.4	
EXT DRO >C28-C36	<10.0	10.0	11/07/2023	ND					

Surrogate: 1-Chlorooctane 66.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.5 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 6 @ 1' (H236063-06)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEX	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	11/07/2023	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	11/07/2023	ND	225	113	200	20.9	
DRO >C10-C28*	<10.0	10.0	11/07/2023	ND	235	117	200	20.4	
EXT DRO >C28-C36	<10.0	10.0	11/07/2023	ND					

Surrogate: 1-Chlorooctane 80.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 91.8 % 49.1-148

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Analytical Results For:

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Received:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 7 @ 1' (H236063-07)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	11/07/2023	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	11/07/2023	ND	225	113	200	20.9	
DRO >C10-C28*	<10.0	10.0	11/07/2023	ND	235	117	200	20.4	
EXT DRO >C28-C36	<10.0	10.0	11/07/2023	ND					

Surrogate: 1-Chlorooctane 67.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Analytical Results For:

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Received:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 8 @ 1' (H236063-08)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	11/07/2023	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	11/07/2023	ND	225	113	200	20.9	
DRO >C10-C28*	<10.0	10.0	11/07/2023	ND	235	117	200	20.4	
EXT DRO >C28-C36	<10.0	10.0	11/07/2023	ND					

Surrogate: 1-Chlorooctane 68.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 77.2 % 49.1-148

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Analytical Results For:

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Received:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 9 @ 1' (H236063-09)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEX	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	80.0	16.0	11/07/2023	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	11/07/2023	ND	225	113	200	20.9	
DRO >C10-C28*	<10.0	10.0	11/07/2023	ND	235	117	200	20.4	
EXT DRO >C28-C36	<10.0	10.0	11/07/2023	ND					

Surrogate: 1-Chlorooctane 68.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 78.8 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 10 @ 1' (H236063-10)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 90.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 88.1 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H236063-11)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 71.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 68.4 % 49.1-148

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Received:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H236063-12)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 116 % 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	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.9 % 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:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 13 @ 1' (H236063-13)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 118 % 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	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 75.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 73.1 % 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:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 14 @ 1' (H236063-14)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 79.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.6 % 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:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 15 @ 2' (H236063-15)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	80.0	16.0	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 79.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 76.8 % 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:	11/06/2023	Sampling Date:	11/01/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 16 @ 2' (H236063-16)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEX	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 117 % 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	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 69.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.7 % 49.1-148

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Analytical Results For:

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

Received:	11/06/2023	Sampling Date:	11/02/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 17 @ 2' (H236063-17)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 69.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 66.4 % 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:	11/06/2023	Sampling Date:	11/02/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 18 @ 2' (H236063-18)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	11/07/2023	ND	448	112	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	11/09/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/09/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/09/2023	ND					

Surrogate: 1-Chlorooctane 91.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/06/2023	Sampling Date:	11/02/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 19 @ 2' (H236063-19)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 119 % 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	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 77.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.7 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	11/06/2023	Sampling Date:	11/02/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 1 (H236063-20)

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	11/06/2023	ND	1.94	97.2	2.00	0.588		
Toluene*	<0.050	0.050	11/06/2023	ND	2.00	100	2.00	1.49		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.00	99.8	2.00	2.49		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.00	100	6.00	2.25		
Total BTEx	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 115 % 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	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 84.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 81.3 % 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:	11/06/2023	Sampling Date:	11/02/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 2 (H236063-21)

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	11/06/2023	ND	2.08	104	2.00	2.81	
Toluene*	<0.050	0.050	11/06/2023	ND	2.09	105	2.00	1.11	
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.13	106	2.00	0.285	
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.59	110	6.00	0.0684	
Total BTEX	<0.300	0.300	11/06/2023	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	48.0	16.0	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 69.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 65.5 % 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:	11/06/2023	Sampling Date:	11/02/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 3 (H236063-22)

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	11/06/2023	ND	2.08	104	2.00	2.81		
Toluene*	<0.050	0.050	11/06/2023	ND	2.09	105	2.00	1.11		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.13	106	2.00	0.285		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.59	110	6.00	0.0684		
Total BTX	<0.300	0.300	11/06/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 79.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 75.8 % 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:	11/06/2023	Sampling Date:	11/02/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 4 (H236063-23)

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	11/06/2023	ND	2.08	104	2.00	2.81		
Toluene*	<0.050	0.050	11/06/2023	ND	2.09	105	2.00	1.11		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.13	106	2.00	0.285		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.59	110	6.00	0.0684		
Total BTEx	<0.300	0.300	11/06/2023	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	48.0	16.0	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 92.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 87.8 % 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:	11/06/2023	Sampling Date:	11/02/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 5 (H236063-24)

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	11/06/2023	ND	2.08	104	2.00	2.81		
Toluene*	<0.050	0.050	11/06/2023	ND	2.09	105	2.00	1.11		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.13	106	2.00	0.285		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.59	110	6.00	0.0684		
Total BTEx	<0.300	0.300	11/06/2023	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	48.0	16.0	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 65.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 61.2 % 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:	11/06/2023	Sampling Date:	11/02/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 6 (H236063-25)

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	11/06/2023	ND	2.08	104	2.00	2.81		
Toluene*	<0.050	0.050	11/06/2023	ND	2.09	105	2.00	1.11		
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.13	106	2.00	0.285		
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.59	110	6.00	0.0684		
Total BTEx	<0.300	0.300	11/06/2023	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	64.0	16.0	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 83.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 80.0 % 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:	11/06/2023	Sampling Date:	11/02/2023
Reported:	11/09/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME PLANT (2/19/21)	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 7 (H236063-26)

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	11/06/2023	ND	2.08	104	2.00	2.81	
Toluene*	<0.050	0.050	11/06/2023	ND	2.09	105	2.00	1.11	
Ethylbenzene*	<0.050	0.050	11/06/2023	ND	2.13	106	2.00	0.285	
Total Xylenes*	<0.150	0.150	11/06/2023	ND	6.59	110	6.00	0.0684	
Total BTX	<0.300	0.300	11/06/2023	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	48.0	16.0	11/07/2023	ND	448	112	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	11/08/2023	ND	210	105	200	1.70	
DRO >C10-C28*	<10.0	10.0	11/08/2023	ND	189	94.7	200	3.26	
EXT DRO >C28-C36	<10.0	10.0	11/08/2023	ND					

Surrogate: 1-Chlorooctane 78.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 74.3 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST															
Project Manager: Cliff Brunson		P.O. #:																	
Address: P.O. Box 805		Company: Oxy																	
City: Hobbs		Attn:																	
State: NM		Address:																	
Zip: 88241		City:																	
Phone #: 575-397-6388		State:																	
Fax #: 575-397-0397		Zip:																	
Project #:		Project Owner: Oxy																	
Project Name: BRAVO DOME PLANT (2/19/21)		Phone #:																	
Project Location: New Mexico		Fax #:																	
Sampler Name: SIMON RENDON																			
<small>FOR LAB USE ONLY</small>																			
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING							
1		BOTTOM SAMPLE 1@1'		✓		✓		✓		✓		✓		Chloride					
2		BOTTOM SAMPLE 2@1'		✓		✓		✓		✓		✓		BTEX					
3		BOTTOM SAMPLE 3@1'		✓		✓		✓		✓		✓		TPH EXT					
4		BOTTOM SAMPLE 4@1'		✓		✓		✓		✓		✓							
5		BOTTOM SAMPLE 5@1'		✓		✓		✓		✓		✓							
6		BOTTOM SAMPLE 6@1'		✓		✓		✓		✓		✓							
7		BOTTOM SAMPLE 7@1'		✓		✓		✓		✓		✓							
8		BOTTOM SAMPLE 8@1'		✓		✓		✓		✓		✓							
9		BOTTOM SAMPLE 9@1'		✓		✓		✓		✓		✓							
10		BOTTOM SAMPLE 10@1'		✓		✓		✓		✓		✓							
<small>PLEASE NOTE: Laboratory and Cardinal's liability and clients' insurance remain for any claim arising whether caused by 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 hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																			
Relinquished By:		Date: 11-10-23		Received By:		Phone Result:		Yes		No		Add'l Phone #:							
Time:		8:40		Time:		Fax Result:		Yes		No		Add'l Fax #:							
Date:		11-10-23		Date:		REMARKS:													
Time:				Time:															
Delivered By: (Circle One)		- 10°C		Sample Condition		CHECKED BY:													
Sampler - UPS - Bus - Other:		#140		Cool		Intact													
				Yes		Yes													
				No		No													

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



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

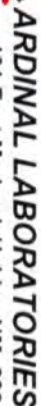
Company Name: BBC International, Inc.										BILL TO									
Project Manager: Cliff Brunson										P.O. #:									
Address: P.O. Box 805										Company: Oxy									
City: Hobbs										Attn:									
State: NM Zip: 88241										Address:									
Phone #: 575-397-6388										City:									
Project #:										State:									
Project Name: BRAVO DOME PLANT (2/19/21)										Zip:									
Project Location: New Mexico										Phone #:									
Sampler Name: SIMON RENDON										Fax #:									

FOR LAB USE ONLY																			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME					
H33402																			
11	BOTTOM SAMPLE 11@ 1'												11/1/23	2:35PM	✓	✓	✓		
12	BOTTOM SAMPLE 12@ 1'												11/1/23	2:54PM	✓	✓	✓		
13	BOTTOM SAMPLE 13@ 1'												11/1/23	3:14PM	✓	✓	✓		
14	BOTTOM SAMPLE 14@ 1'												11/1/23	3:31PM	✓	✓	✓		
15	BOTTOM SAMPLE 15@ 2'												11/1/23	3:45PM	✓	✓	✓		
16	BOTTOM SAMPLE 16@ 2'												11/1/23	3:56PM	✓	✓	✓		
17	BOTTOM SAMPLE 17@ 2'												11/2/23	8:15AM	✓	✓	✓		
18	BOTTOM SAMPLE 18@ 2'												11/2/23	8:28AM	✓	✓	✓		
19	BOTTOM SAMPLE 19@ 2'												11/2/23	8:40AM	✓	✓	✓		

PLEASE NOTE: Liability and Damages. Contractor's liability and client's exclusive remedy for any claim arising from this contract or TOL shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Contractor within 30 days after completion of the applicable service. In no event shall Contractor 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 hereunder by Contractor regardless of whether such claim is based upon any of the above stated theories or otherwise.

Relinquished By:		Date: 11-6-23		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Date: 8-14-20		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
REMARKS:									

Delivered By: (Circle One) -100%		Sample Condition <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other:		11/1/23			



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: BRAVO DOME PLANT (2/19/21) Project Location: New Mexico Sample Name: SIMON RENDON Sample Location: New Mexico				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST					
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		MATRIX PRESERV SAMPLING		DATE TIME		Chloride BTEX TPH EX			
SIDEWALL 1								11/2/23		8:54AM		✓	
SIDEWALL 2								11/2/23		9:10AM		✓	
SIDEWALL 3								11/2/23		9:19AM		✓	
SIDEWALL 4								11/2/23		9:30AM		✓	
SIDEWALL 5								11/2/23		9:43AM		✓	
SIDEWALL 6								11/2/23		9:58AM		✓	
SIDEWALL 7								11/2/23		10:10AM		✓	

PLEASE NOTE: Liability and Damages: Cardano's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the services. In no event shall Cardano 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 hereunder by Cardano, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By:		Date: 11-6-23		Received By:		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Relinquished By:		Date: 8-4-20		Received By:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One) -100c		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		CHECKED BY:		REMARKS:			
Sampler - UPS - Bus - Other:		Time: 8:40		Time:					

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

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

CONDITIONS

Action 290058

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 290058
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scwells	None	2/28/2024