

Closure Report

ID# nRM2008360715

Site Description

Site Name:	BRAVO DOME SALT LAKE WT
Company:	Oxy USA, Inc.
Legal Description:	U/L H, Section 8, T18 N, R 32E
County:	Harding County, NM
GPS Coordinates:	N 35.81498, W-103.55357

Release Data

Date of Release:	1/13/2020
Type of Release:	Produced water
Source of Release:	Corrosion on 3 inch valve on produced water tank
Volume of Release:	56.1 bbls
Volume Recovered:	30bbls

Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The entire leak area near SP1 – SP3 (BLUE shade on diagram) was excavated to a depth of 3 feet. OXY collected bottom and sidewall confirmation samples every 200 square feet.

Plan Sent to OCD:	7/26/2021	
OCD Approval of Plan:	10/12/2021	
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 9/28/23, 9/29/23, 10/04/23	
Notifications	09/21/23, 9/22/23	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

10/31/2023

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nRM2008360715
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 QCD. 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 ODC 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: 10-25-23
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: Scott Rodgers Date: 03/13/2024
Printed Name: Scott Rodgers Title: Environmental Specialist Adv.

From: [Cliff P. Brunson](#)
To: OCD.Enviro@emnrd.nm.gov
Cc: [Wade Dittrich](#); [Tyson Pierce](#); [Kathy Sweeney](#); [Jennifer Gilkey](#)
Subject: OXY - Bravo Dome Saltlake (1/13/20) (nRM2008360715) - Sampling Notification
Date: Thursday, September 21, 2023 9:06:11 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Bravo Dome Saltlake (1/13/20) (nRM2008360715) on Thursday, September 28, 2023 at 10:00 a.m.

Cliff P. Brunson, CEI, CRS
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
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From: [Rodgers, Scott, EMNRD](#)
To: [Cliff P. Brunson](#); [Hamlet, Robert, EMNRD](#); [Bratcher, Michael, EMNRD](#)
Cc: [Wade Dittrich](#); [Tyson Pierce](#); [Kathy Sweeney](#); [Jennifer Gilkey](#)
Subject: RE: [EXTERNAL] OXY - Bravo Dome Saltlake (1/13/20) (nRM2008360715) - Sampling Notification
Date: Friday, September 22, 2023 8:34:37 AM

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.

Scott Rodgers • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
8801 Horizon Blvd. NE, Suite 260 | Albuquerque, NM 87113
505.469.1830 | scott.rodgers@emnrd.nm.gov
<http://www.emnrd.nm.gov/oed>



From: Cliff P. Brunson <cbrunson@bbcinternational.com>
Sent: Thursday, September 21, 2023 9:06 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 Saltlake (1/13/20) (nRM2008360715) - 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 Saltlake (1/13/20) (nRM2008360715) on Thursday, September 28, 2023 at 10:00 a.m.

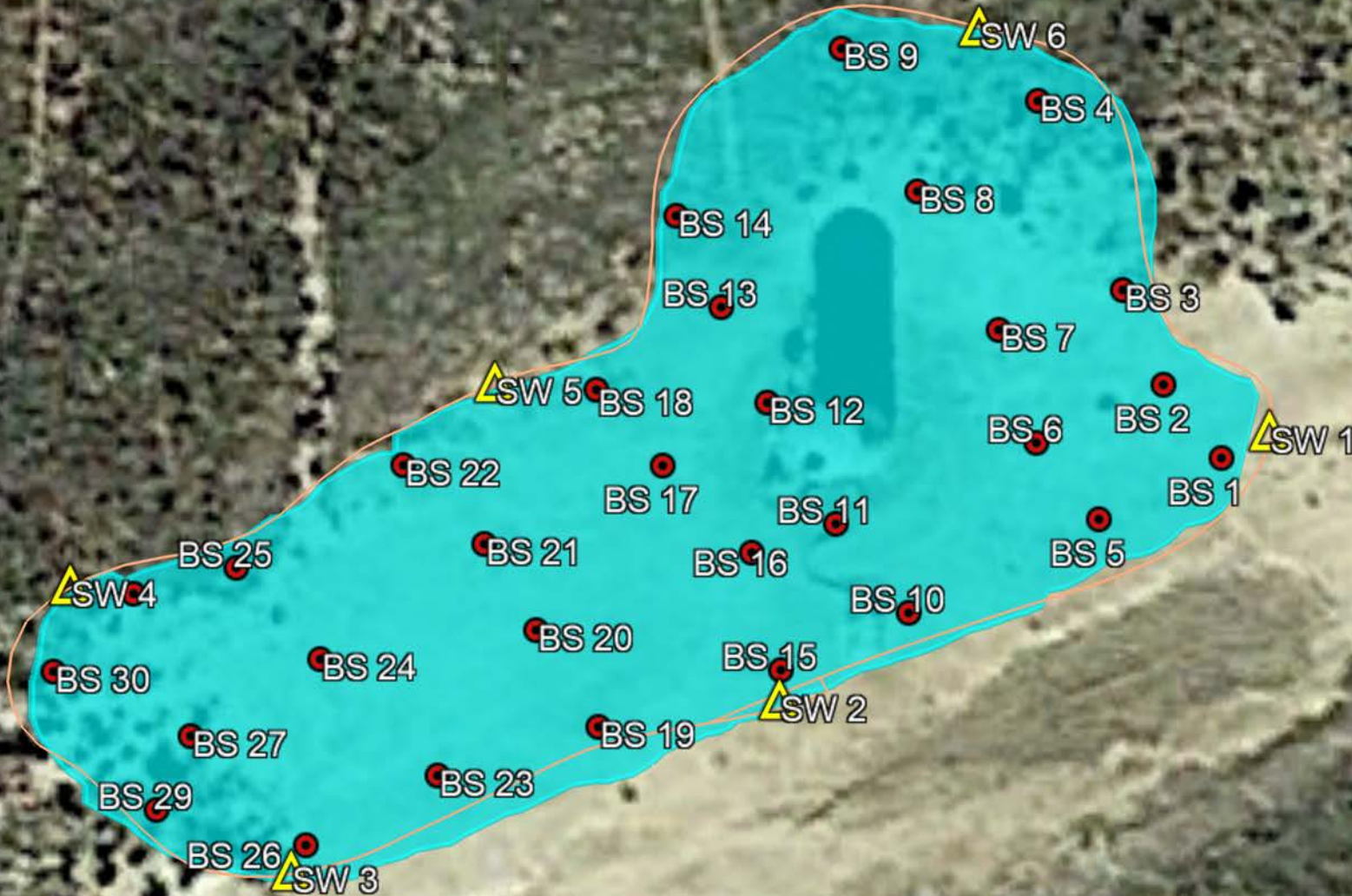
Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com

OXY-BRAVO DOME SALT LAKE

LEAK DATE : 1/13/20
HARDING COUNTY, NM
ID#nRM2008360715

Legend

-  3 FT EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINT
-  LEAK AREA
-  SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

OXY-BRAVO DOME SALT LAKE (1/13/20) SAMPLE DATE 9/28/23-9/29/23

BS 1	N 35.814974	W-103.553443
BS 2	N 35.814995	W-103.553464
BS 3	N 35.815022	W-103.553478
BS 4	N 35.815076	W-103.553508
BS 5	N 35.814956	W-103.553486
BS 6	N 35.814978	W-103.553508
BS 7	N 35.815010	W-103.553521
BS 8	N 35.815060	W-103.553551
BS 9	N 35.815091	W-103.553577
BS 10	N 35.814929	W-103.553553
BS 11	N 35.814955	W-103.553579
BS 12	N 35.814989	W-103.553603
BS 13	N 35.815017	W-103.553619
BS 14	N 35.815043	W-103.553635
BS 15	N 35.814913	W-103.553598
BS 16	N 35.814947	W-103.553609
BS 17	N 35.814971	W-103.553640
BS 18	N 35.814993	W-103.553663
BS 19	N 35.814897	W-103.553663
BS 20	N 35.814924	W-103.553685
BS 21	N 35.814949	W-103.553703
BS 22	N 35.814972	W-103.553732
BS 23	N 35.814883	W-103.553720
BS 24	N 35.814916	W-103.553761
BS 25	N 35.814942	W-103.553791
BS 26	N 35.814863	W-103.553766
BS 27	N 35.814894	W-103.553807
BS 28	N 35.814935	W-103.553827
BS 29	N 35.814873	W-103.553819
BS 30	N 35.814912	W-103.553855

SW 1	N 35.814981	W-103.553427
SW 2	N 35.814904	W-103.553599
SW 3	N 35.814855	W-103.553772
SW 4	N 35.814937	W-103.553850
SW 5	N 35.814995	W-103.553700
SW 6	N 35.815097	W-103.553529

	Sample ID	BS 1 @3'	BS 2 @3'	BS 3 @3'	BS 4 @3'	BS 5 @3'	BS 6 @3'	BS 7 @3'	BS 8 @3'	BS 9 @3'	BS 10 @3'	BS 11 @3'	BS 12 @3'	BS 13 @3'	BS 14 @3'	BS 15 @3'	BS 16 @3'	BS 17 @3'	BS 18 @3'
Analyte	Date	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23
		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	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	32.0	32.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
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 @3'	BS 24 @3'	BS 25 @3'	BS 26 @3'	BS 27 @3'	BS 28 @3'	BS 29 @3'	BS 30 @3'
Analyte	Date	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23	9/28/23
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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
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
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
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
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
Chloride		<16.0	<16.0	<16.0	<16.0	32.0	<16.0	<16.0	<16.0	<16.0	<16.0	112.0	16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
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
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

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6
Analyte	Date	9/29/23	9/29/23	9/29/23	9/29/23	9/29/23	9/29/23
		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
Toluene		<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
Total Xylenes		<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
Chloride		<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<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



OXY -BRAV0 DOME SALT LAKE (1/13/20)





OXY -BRAV0 DOME SALT LAKE (1/13/20)





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OXY -BRAV0 DOME SALT LAKE (1/13/20)





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

October 04, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: BRAVO DOME SALT LAKE

Enclosed are the results of analyses for samples received by the laboratory on 10/02/23 10:03.

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:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME SALT LAKE	Sampling Condition:	Cool & Intact
Project Number:	(1-3-20)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 1 @ 3' (H235339-01)

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	10/02/2023	ND	1.88	94.1	2.00	0.492	
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873	
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860	
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275	
Total BTEX	<0.300	0.300	10/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	10/02/2023	ND	432	108	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 82.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 95.4 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 2 @ 3' (H235339-02)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	<16.0	16.0	10/02/2023	ND	432	108	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.6 % 49.1-148

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal'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 client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable 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 the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 3 @ 3' (H235339-03)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	<16.0	16.0	10/02/2023	ND	432	108	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 84.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 97.3 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 4 @ 3' (H235339-04)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	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	<16.0	16.0	10/02/2023	ND	432	108	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 88.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 5 @ 3' (H235339-05)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	<16.0	16.0	10/02/2023	ND	432	108	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 91.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 102 % 49.1-148

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Analytical Results For:

BBC International, Inc.
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 Hobbs NM, 88241
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Received: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 6 @ 3' (H235339-06)

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	10/02/2023	ND	1.88	94.1	2.00	0.492	
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873	
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860	
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275	
Total BTEx	<0.300	0.300	10/02/2023	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	10/02/2023	ND	432	108	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 88.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 7 @ 3' (H235339-07)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	<16.0	16.0	10/02/2023	ND	432	108	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 90.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 103 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 8 @ 3' (H235339-08)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 86.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.6 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 9 @ 3' (H235339-09)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 109 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 10 @ 3' (H235339-10)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 89.7 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 49.1-148

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 11 @ 3' (H235339-11)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 87.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 12 @ 3' (H235339-12)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 83.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 96.7 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 13 @ 3' (H235339-13)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.3 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 14 @ 3' (H235339-14)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 85.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 98.7 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 15 @ 3' (H235339-15)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 74.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 89.2 % 49.1-148

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Analytical Results For:

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

Received: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 16 @ 3' (H235339-16)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 84.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.3 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 17 @ 3' (H235339-17)

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	10/02/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/02/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/02/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/02/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/02/2023	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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 85.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 99.8 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 18 @ 3' (H235339-18)

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	10/03/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/03/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 86.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 101 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 19 @ 3' (H235339-19)

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	10/03/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/03/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 89.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 104 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 20 @ 3' (H235339-20)

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	10/03/2023	ND	1.88	94.1	2.00	0.492		
Toluene*	<0.050	0.050	10/03/2023	ND	2.08	104	2.00	0.873		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.23	112	2.00	0.0860		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.67	111	6.00	0.0275		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	202	101	200	1.75	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	217	109	200	0.438	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 89.8 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 21 @ 3' (H235339-21)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 137 % 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:	10/02/2023	Sampling Date:	09/28/2023
Reported:	10/04/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME SALT LAKE	Sampling Condition:	Cool & Intact
Project Number:	(1-3-20)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 22 @ 3' (H235339-22)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 133 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 23 @ 3' (H235339-23)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	10/03/2023	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	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 24 @ 3' (H235339-24)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 25 @ 3' (H235339-25)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 26 @ 3' (H235339-26)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 99.6 % 48.2-134

Surrogate: 1-Chlorooctadecane 123 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 27 @ 3' (H235339-27)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	<16.0	16.0	10/03/2023	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	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 136 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 28 @ 3' (H235339-28)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	10/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 112 % 48.2-134

Surrogate: 1-Chlorooctadecane 139 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 29 @ 3' (H235339-29)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	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	112	16.0	10/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 107 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/28/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 30 @ 3' (H235339-30)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	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	16.0	16.0	10/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 97.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 1 (H235339-31)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	<16.0	16.0	10/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 96.2 % 48.2-134

Surrogate: 1-Chlorooctadecane 118 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 2 (H235339-32)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	<16.0	16.0	10/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 125 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 3 (H235339-33)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	10/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 121 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 4 (H235339-34)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	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	<16.0	16.0	10/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 124 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 5 (H235339-35)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	<16.0	16.0	10/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 127 % 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: 10/02/2023
 Reported: 10/04/2023
 Project Name: BRAVO DOME SALT LAKE
 Project Number: (1-3-20)
 Project Location: OXY - NEW MEXICO

Sampling Date: 09/29/2023
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 6 (H235339-36)

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	10/03/2023	ND	1.85	92.6	2.00	2.23		
Toluene*	<0.050	0.050	10/03/2023	ND	2.09	104	2.00	0.239		
Ethylbenzene*	<0.050	0.050	10/03/2023	ND	2.21	111	2.00	0.695		
Total Xylenes*	<0.150	0.150	10/03/2023	ND	6.51	109	6.00	0.607		
Total BTEx	<0.300	0.300	10/03/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 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	<16.0	16.0	10/02/2023	ND	432	108	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/02/2023	ND	180	89.8	200	8.80	
DRO >C10-C28*	<10.0	10.0	10/02/2023	ND	184	92.1	200	13.2	
EXT DRO >C28-C36	<10.0	10.0	10/02/2023	ND					

Surrogate: 1-Chlorooctane 103 % 48.2-134

Surrogate: 1-Chlorooctadecane 128 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
A-01	Ending CCV failed high. All samples ND.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C
	Samples reported on an as received basis (wet) unless otherwise noted on report

Cardinal Laboratories

*=Accredited Analyte

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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 zip: 88241				Address:							
Phone #: 575-397-6388				Fax #: 575-397-0397							
Project #:				City:							
Project Name: Bravo Dome Salt Lake - 1-3-20				State:				Zip:			
Project Location: New Mexico				Phone #:							
Sample Name: SIMON RENDON				Fax #:							
<small>FOR LAB USE ONLY</small>											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.	
								<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	
1035337		BOTTOM SAMPLE 1 @ 3'		G		1		9-28-23		8:40AM	
		BOTTOM SAMPLE 2 @ 3'						9-28-23		8:52AM	
		BOTTOM SAMPLE 3 @ 3'						9-28-23		9:05AM	
		BOTTOM SAMPLE 4 @ 3'						9-28-23		9:21AM	
		BOTTOM SAMPLE 5 @ 3'						9-28-23		9:37AM	
		BOTTOM SAMPLE 6 @ 3'						9-28-23		9:52AM	
		BOTTOM SAMPLE 7 @ 3'						9-28-23		10:04AM	
		BOTTOM SAMPLE 8 @ 3'						9-28-23		10:18AM	
		BOTTOM SAMPLE 9 @ 3'						9-28-23		10:31AM	
		BOTTOM SAMPLE 10 @ 3'						9-28-23		10:44AM	
<small>PLEASE NOTE: Liability and Damages: Cardinal'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 analyses. 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: 10-2-23		Received By:		Time: 10:03		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:	
Retained By:		Date:		Received By:		Time:		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:	
Delivered By: (Circle One)		-10-0:		Sample Condition		CHECKED BY:					
Sampler - UPS - Bus - Other:		#140		Cool Intact		(Initials)					
				<input type="checkbox"/> Yes <input type="checkbox"/> No		OK					

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

Client called
Changed to 48 hr. rush
OK 10/2/23
Sent email.



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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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 Zip: 88241				Address:							
Phone #: 575-397-6388 Fax #: 575-397-0397				City:							
Project #:				State: Zip:							
Project Name: Bravo Dome Salt Lake - 1-3-20				Phone #:							
Project Location: New Mexico				Fax #:							
Sampler Name: SIMON RENDON											

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV.	SAMPLING DATE	TIME									
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :												ACID/BASE:
HQ35339	BOTTOM SAMPLE 21 @ 3'	✓	1			✓					9-28-23	2:24PM	✓	B Tex							
21	BOTTOM SAMPLE 22 @ 3'										9-28-23	2:38PM	✓	chloride							
22	BOTTOM SAMPLE 23 @ 3'										9-28-23	2:55PM	✓								
23	BOTTOM SAMPLE 24 @ 3'										9-28-23	3:16PM	✓								
24	BOTTOM SAMPLE 25 @ 3'										9-28-23	3:33PM	✓								
25	BOTTOM SAMPLE 26 @ 3'										9-28-23	3:46PM	✓								
26	BOTTOM SAMPLE 27 @ 3'										9-28-23	4:07PM	✓								
27	BOTTOM SAMPLE 28 @ 3'										9-28-23	4:20PM	✓								
28	BOTTOM SAMPLE 29 @ 3'										9-28-23	4:37PM	✓								
29	BOTTOM SAMPLE 30 @ 3'										9-28-23	5:00PM	✓								

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Relinquished By:	Date: 10-2-23	Received By:	Time: 10:03
Relinquished By:	Date:	Received By:	Time:

Delivered By: (Circle One) -110.0; #140

Sampler - UPS - Bus - Other:

Sample Condition: Cool ☒ Intact ☒
☐ Yes ☐ No ☐ Yes ☐ No

CHECKED BY:

REMARKS: noon 46 hr.



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

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 281458

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 281458
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	3/13/2024