

Closure Report

ID#: nAPP2112765886

Site Description

Site Name:	WEST BRAVO DOME 1830 162G
Company:	Oxy USA, Inc.
Legal Description:	U/L G, Section 16, T18N, R30E
County:	Harding County, NM
GPS Coordinates:	N 35.7926407,W-103.7552643

Release Data

Date of Release:	10/3/2020
Type of Release:	Produced water
Source of Release:	2" Valve cracked open
Volume of Release:	20BBLS
Volume Recovered:	0BBLS

Remediation Specifications

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

Plan Sent to OCD:	7/26/2021	
OCD Approval of Plan:	11/15/2022	
Plan Sent to BLM:	NA	
BLM Approval of Plan:	NA	

Supporting Documentation

Topo/watercourse map	included	
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 09/27/23 , 10/05/23	
Notifications	09/21/23 , 9/22/23	

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.

10/26/2023

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2112765886
District RP	
Facility ID	
Application ID	

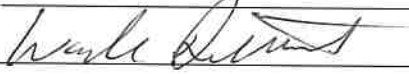
Closure

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:  Date: 02/06/2024
Printed Name: Nelson Velez 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 - West Bravo Dome 1830 162G (10/3/20) (nAPP2112765886) - Sampling Notification
Date: Thursday, September 21, 2023 9:00:22 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the West Bravo Dome 1830 162G (10/3/20) (nAPP2112765886) on Wednesday, September 27, 2023 at 11:30 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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E-Mail: cbrunson@bbcinternational.com



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From: [Rodgers, Scott, EMNRD](#)
To: [Cliff P. Brunson](#); [Velez, Nelson, EMNRD](#); [Bratcher, Michael, EMNRD](#)
Cc: [Wade Dittrich](#); [Tyson Pierce](#); [Kathy Sweeney](#); [Jennifer Gilkey](#)
Subject: RE: [EXTERNAL] OXY - West Bravo Dome 1830 162G (10/3/20) (nAPP2112765886) - Sampling Notification
Date: Friday, September 22, 2023 8:35:44 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 9:00 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 - West Bravo Dome 1830 162G (10/3/20) (nAPP2112765886) - 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 West Bravo Dome 1830 162G (10/3/20) (nAPP2112765886) on Wednesday, September 27, 2023 at 11:30 a.m.

Cliff P. Brunson, CEI, CRS
President
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World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
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Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com

OXY-WEST BRAVO DOME 1830 162G

LEAK DATE 10/3/20
HARDING COUNTY,NM
ID#nAPP2112765886

Legend

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



OXY- WEST BRAVO DOME 1830 162G (10/3/20) SAMPLE DATE (9/27/23)

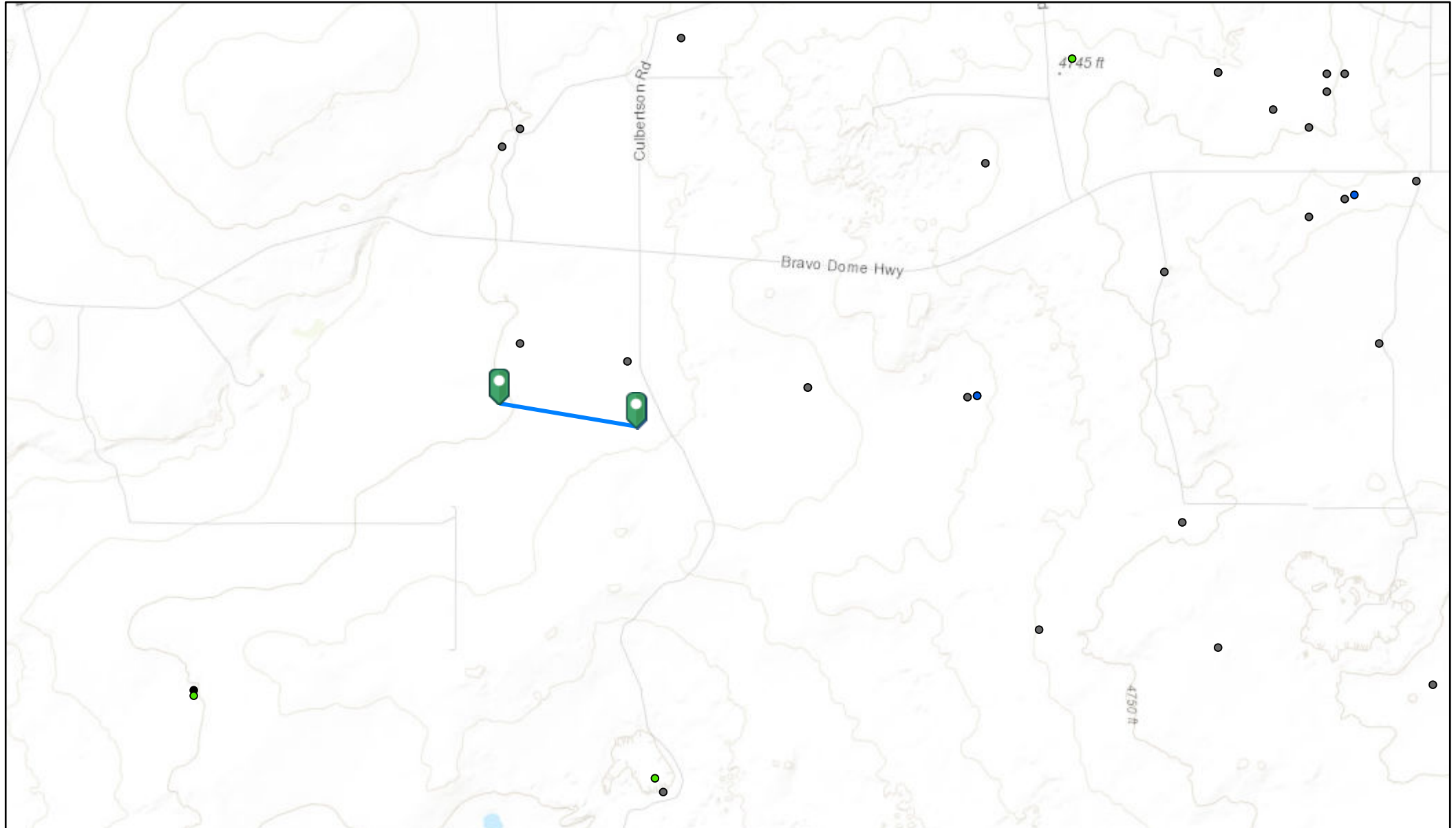
BOTTOM SAMPLE POINTS

BS 1@2'	N 35.792613	W-103.755284
BS 2@2'	N 35.792577	W-103.755301
BS 3@2'	N 35.792545	W-103.755296
BS 4@2'	N 35.792549	W-103.755224
BS 5@2'	N 35.792581	W-103.755223
BS 6@2'	N 35.792621	W-103.755224
BS 7@2'	N 35.792630	W-103.755128
BS 8@2'	N 35.792592	W-103.755128
BS 9@2'	N 35.792557	W-103.755129
BS 10@2'	N 35.792621	W-103.755042
BS 11@2'	N 35.792590	W-103.755027
BS 12@2'	N 35.792563	W-103.755040

SIDEWALL SAMPLE POINTS

SW 1	N 35.792624	W-103.755281
SW 2	N 35.792569	W-103.755212
SW 3	N 35.792553	W-103.755152
SW 4	N 35.792640	W-103.755104

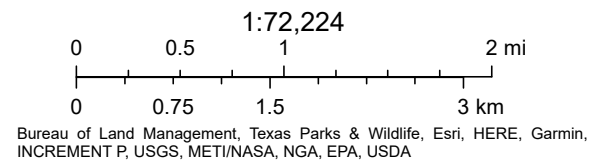
OXY ,WEST BRAVO DOME 1830 162 G , 5,122.3ft' h20



10/26/2023, 5:21:18 PM

OSE Water PODs

- Pending
- Inactive
- Active
- Unknown



	Sample ID	BS 1@2'	BS 2@2'	BS 3@2'	BS 4@2'	BS 5@2'	BS 6@2'	BS 7@2'	BS 8@2'	BS 9@2'	BS 10@2'	BS 11@2'	BS 12@2'
Analyte	Date	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23	9/27/23
		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		48.0	32.0	48.0	48.0	32.0	48.0	32.0	64.0	32.0	48.0	48.0	48.0
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
Analyte	Date	9/27/23	9/27/23	9/27/23	9/27/23
		mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300
Chloride		48.0	16.0	32.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0



OXY-WEST BRAVO DOME 1830 162G (10/03/20)





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OXY-WEST BRAVO DOME 1830 162G (10/03/20)





OXY-WEST BRAVO DOME 1830 162G (10/03/20)





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

October 05, 2023

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: BRAVO DOME 1830 162G - 10-3-20

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:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 1 @ 2' (H235338-01)

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	10/04/2023	ND	1.99	99.6	2.00	3.14	
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98	
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45	
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86	
Total BTEX	<0.300	0.300	10/04/2023	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	10/04/2023	ND	400	100	400	7.69	

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 92.1 % 48.2-134

Surrogate: 1-Chlorooctadecane 108 % 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	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 2 @ 2' (H235338-02)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	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	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 94.5 % 48.2-134

Surrogate: 1-Chlorooctadecane 110 % 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	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 3 @ 2' (H235338-03)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	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	48.0	16.0	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 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:

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 Fax To: (575) 397-0397

Received:	10/02/2023	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 4 @ 2' (H235338-04)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	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	48.0	16.0	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 98.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 114 % 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	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 5 @ 2' (H235338-05)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 91.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 106 % 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	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 6 @ 2' (H235338-06)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEX	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 98.8 % 48.2-134

Surrogate: 1-Chlorooctadecane 115 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/02/2023	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 7 @ 2' (H235338-07)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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Received:	10/02/2023	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 8 @ 2' (H235338-08)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	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	64.0	16.0	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 94.9 % 48.2-134

Surrogate: 1-Chlorooctadecane 111 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/02/2023	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 9 @ 2' (H235338-09)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 100 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 49.1-148

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Analytical Results For:

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

Received:	10/02/2023	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 10 @ 2' (H235338-10)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	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	48.0	16.0	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 102 % 48.2-134

Surrogate: 1-Chlorooctadecane 119 % 49.1-148

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/02/2023	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 11 @ 2' (H235338-11)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	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	48.0	16.0	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 90.3 % 48.2-134

Surrogate: 1-Chlorooctadecane 105 % 49.1-148

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Analytical Results For:

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Received:	10/02/2023	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 12 @ 2' (H235338-12)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	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	48.0	16.0	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 105 % 48.2-134

Surrogate: 1-Chlorooctadecane 122 % 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	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 1 (H235338-13)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	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	48.0	16.0	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 101 % 48.2-134

Surrogate: 1-Chlorooctadecane 117 % 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	Sampling Date:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 2 (H235338-14)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	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	10/04/2023	ND	400	100	400	7.69	

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 92.0 % 48.2-134

Surrogate: 1-Chlorooctadecane 107 % 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:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 3 (H235338-15)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 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	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 111 % 48.2-134

Surrogate: 1-Chlorooctadecane 130 % 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:	09/27/2023
Reported:	10/05/2023	Sampling Type:	Soil
Project Name:	BRAVO DOME 1830 162G - 10-3-20	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Dionica Hinojos
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 4 (H235338-16)

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	10/04/2023	ND	1.99	99.6	2.00	3.14		
Toluene*	<0.050	0.050	10/04/2023	ND	1.96	97.9	2.00	4.98		
Ethylbenzene*	<0.050	0.050	10/04/2023	ND	2.04	102	2.00	5.45		
Total Xylenes*	<0.150	0.150	10/04/2023	ND	6.00	100	6.00	4.86		
Total BTEx	<0.300	0.300	10/04/2023	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	10/04/2023	ND	400	100	400	7.69		

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	10/03/2023	ND	183	91.4	200	1.46	
DRO >C10-C28*	<10.0	10.0	10/03/2023	ND	219	109	200	2.10	
EXT DRO >C28-C36	<10.0	10.0	10/03/2023	ND					

Surrogate: 1-Chlorooctane 108 % 48.2-134

Surrogate: 1-Chlorooctadecane 126 % 49.1-148

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager

**• 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. #:				<div style="display: flex; align-items: center; justify-content: center;"><div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div><div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div><div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH Ext</div></div>																													
Address: P.O. Box 805				Company: Oxy																																	
City: Hobbs State: NM Zip: 88241				Attn:																																	
Phone #: 575-397-6388 Fax #: 575-397-0397				Address:																																	
Project #: Project Owner: Oxy				City:																																	
Project Name: Bravo Dome 1830 162G - 10-3-20				State: 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													
1		Bottom Sample 1 @ 2'		G		1																9-27-23		11:46 AM													
2		Bottom Sample 2 @ 2'																				9-27-23		12:05 PM													
3		Bottom Sample 3 @ 2'																				9-27-23		12:48 PM													
4		Bottom Sample 4 @ 2'																				9-27-23		1:10 PM													
5		Bottom Sample 5 @ 2'																				9-27-23		1:22 PM													
6		Bottom Sample 6 @ 2'																				9-27-23		1:31 PM													
7		Bottom Sample 7 @ 2'																				9-27-23		1:42 PM													
8		Bottom Sample 8 @ 2'																				9-27-23		1:56 PM													
9		Bottom Sample 9 @ 2'																				9-27-23		2:08 PM													
10		Bottom Sample 10 @ 2'																				9-27-23		2:18 PM													
<small>PLEASE NOTE: Liability and Damages. Cardina'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:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:																							
Time: 10:03				Time: 10:03				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:																									
Relinquished By:				Date:		Received By:				REMARKS:																											
Time:																																					
Delivered By: (Circle One)														Sample Condition				CHECKED BY:																			
Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/>														Cool <input type="checkbox"/> Intact <input type="checkbox"/>				(Initials)																			
Yes <input type="checkbox"/> No <input type="checkbox"/>														Yes <input type="checkbox"/> No <input type="checkbox"/>																							
Sampler - UPS - Bus - Other:														-16°C																							

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

(505) 393-2326 FAX (505) 393-2476										BILL TO										ANALYSIS REQUEST									
Company Name: BBC International, Inc.										P.O. #:										<div style="display: flex; justify-content: space-between;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">BTEX</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">Chloride</div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);">TPH Ext</div> </div>									
Project Manager: Cliff Brunson										Company: Oxy																			
Address: P.O. Box 805										Attn:																			
City: Hobbs State: NM Zip: 88241										Address:																			
Phone #: 575-397-6388 Fax #: 575-397-0397										City:																			
Project #: Project Owner: Oxy										State: Zip:																			
Project Name: Bravo Dome 1830 162G - 10-3-20										Phone #:																			
Project Location: New Mexico										Fax #:																			
Sampler Name: SIMON RENDON																													
FOR LAB USE ONLY																													
Lab I.D.										Sample I.D.																			
H235338																													
11										Bottom Sample 11 @ 2'										✓									
12										Bottom Sample 12 @ 2'										✓									
13										Sidewall 1										✓									
14										Sidewall 2										✓									
15										Sidewall 3										✓									
16										Sidewall 4										✓									

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Relinquished By:		Date:	Received By:		Phone Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Phone #:
		Time:			Fax Result:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Add'l Fax #:
Relinquished By:		Date:	Received By:		REMARKS:			
		Time:						
Delivered By: (Circle One)			Sample Condition					
Sampler - UPS - Bus - Other:			Cool Intact		(Initials)			
			<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> No					

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

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 280444

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 280444
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
nvelez	None	2/6/2024