

Closure Report

NAPP2113043641

Site Description	
Site Name:	CYPRESS 33 FED COM 8H
Company:	OXY
Legal Description:	U/L: D, SECTION 33, T23N, R29E
County:	EDDY COUNTY, NM
GPS Coordinates:	N32.26823, W-103.99584

Release Data	
Date of Release:	4/20/2021
Type of Release:	CRUDE OIL & PRODUCED WATER
Source of Release:	HIGH PRESSURE, PACKING BAD, SPILL POT
Volume of Release:	10 BBLS CRUDE OIL/ 0 BBLS PRODUCED WATER
Volume Recovered:	10 BBLS CRUDE OIL/ 0 BBLS PRODUCED WATER

Remediation Specifications	
Remediation Parameters	<p>: OXY will excavate the spill area as depicted on the following site diagram. The leak area near SP1 and SP3 (PURPLE shade on diagram) will be excavated to a depth of 5 feet. The leak area near SP2 (GREEN shade on diagram) will be excavated to a depth of 6 feet.</p> <p>OXY will collect bottom and sidewall confirmation samples every 200 square feet. The estimated amount of soil to be excavated is 551 cubic yards. The remediation will be completed within 90 days of approval.</p>
Remediation Activities:	4/26/21, 2/9/22, 2/18/22

Plan Sent to OCD:		FROM CLIFF TO BLM NM AND WADE
OCD Approval of Plan:		FROM @STATE.NM.US TO WADE AND CLIFF
Plan Sent to BLM:		FROM CLIFF TO SPILL@BLM AND WADE
BLM Approval of Plan:		FROM JAMOS@BLM.GOV TO WADE AND CLIFF

Supporting Documentation		
C 141 PAGE 6		
SITE DIAGRAM	GOOGLE EARTH MAP WITH CONFIRMATION SAMPLES	
PICTURES	CLOSURE PICTURES	
LAB SUMMARY	CLOSURE SAMPLES	
LAB ANALYSIS	CLOSURE SAMPLES	
Sampling Notification	2/4/2022	

Request for Closure	
Based on the completion of the remediation plan as agreed upon, BBC International requests closure approval from NMOCD.	
Cliff Brunson, President of BBC International Inc.	3/21/2022

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2113043641
District RP	
Facility ID	
Application ID	


Closure

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 3-23-22
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: Jennifer Nobui Date: 04/20/2022
Printed Name: Jennifer Nobui Title: Environmental Specialist A

CUPRESS 33 FED POM OH (4-20-21)
Released to Imaging: 4/20/2022 1:58:09 PM

From: [Cliff Brunson](#)
To: ["Enviro. OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); ["Julia French"](#)
Subject: OXY - Cypress 33 Fed Com 8H - Sampling Notification
Date: Friday, February 4, 2022 5:30:12 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Cypress 33 Fed Com 8H (Incident ID # nAPP2113043641) on Tuesday, Feb. 8 at 9:00 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



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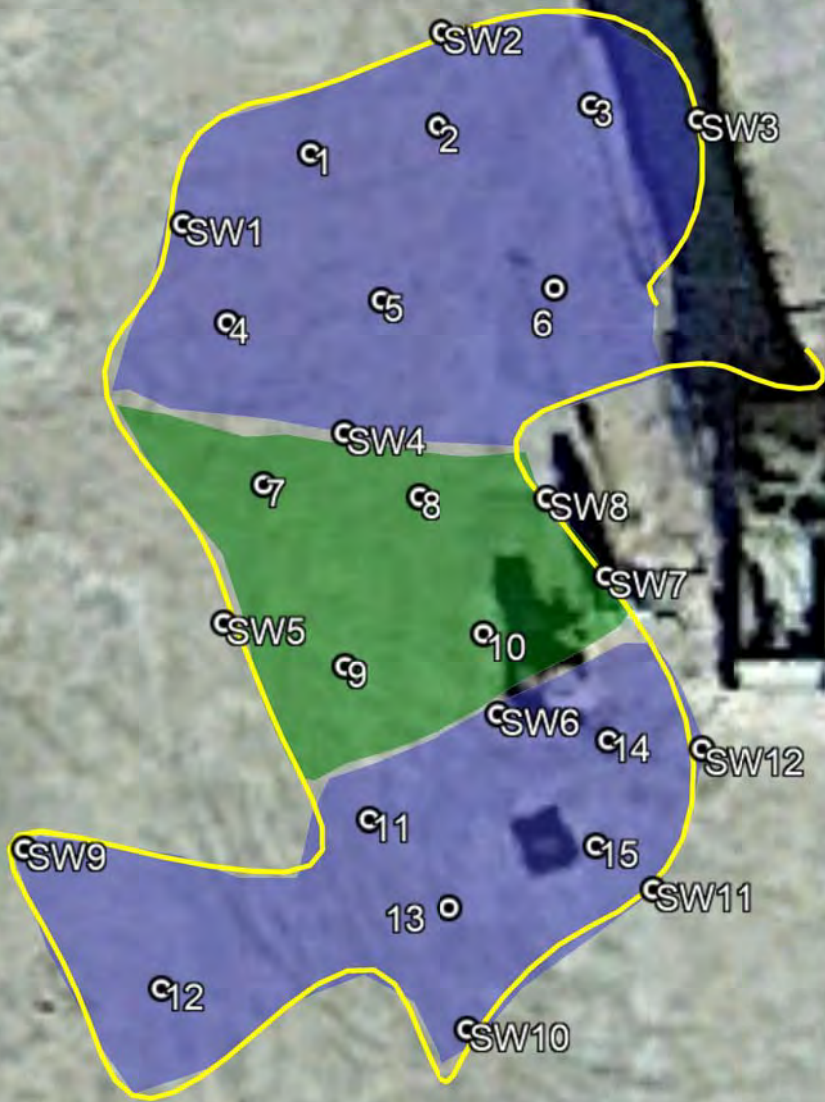
DOXY, CYPRESS 33 FED COM 8H
EAK DATE: 4/20/21
#NAPP2113043641
DDY CO., NM

Legend

5FT Excavation

6FT Excavation

CONFIRMATION SAMPLE POINTS



Released to Imaging: 4/20/2022 1:58:09 PM

Received by OCD: 3/23/2022 4:54:10 PM

CYPRESS 33 FED

SIDEWALL 1	N32.268201	W-103.996038
SIDEWALL 2	N32.268243	W-103.995971
SIDEWALL 3	N32.268224	W-103.995904
SIDEWALL 4	N32.268155	W-103.995996
SIDEWALL 5	N32.268114	W-103.996028
SIDEWALL 6	N32.268093	W-103.995956
SIDEWALL 7	N32.268124	W-103.995928
SIDEWALL 8	N32.268141	W-103.995943
SIDEWALL 9	N32.268064	W-103.996080
SIDEWALL 10	N32.268024	W-103.995964
SIDEWALL 11	N32.268055	W-103.995916
SIDEWALL 12	N32.268086	W-103.995903
BOTTOM 1 @ 5'	N32.268217	W-103.996005
BOTTOM 2 @ 5'	N32.268223	W-103.995972
BOTTOM 3 @ 5'	N32.268227	W-103.995932
BOTTOM 4 @ 5'	N32.268180	W-103.996027
BOTTOM 5 @ 5'	N32.268184	W-103.995987
BOTTOM 6 @ 5'	N32.268187	W-103.995941
BOTTOM 7 @ 6'	N32.268144	W-103.996017
BOTTOM 8 @ 6'	N32.268141	W-103.995977
BOTTOM 9 @ 6'	N32.268104	W-103.995996
BOTTOM 10 @ 6'	N32.268111	W-103.995960
BOTTOM 11 @ 5'	N32.268070	W-103.995990
BOTTOM 12 @ 5'	N32.268033	W-103.996044
BOTTOM 13 @ 5'	N32.268051	W-103.995969
BOTTOM 14 @ 5'	N32.268088	W-103.995928
BOTTOM 15 @ 5'	N32.268064	W-103.995931

Laboratory Analytical Results Summary
CYPRESS 33 FED COM 8H (4/20/21)
SAMPLE DATE 2/8/22

		Sample ID	BOTTOM 1 @ 5'	BOTTOM 2 @ 5'	BOTTOM 3 @ 5'	BOTTOM 4 @ 5'	BOTTOM 5 @ 5'	BOTTOM 6 @ 5'	BOTTOM 7 @ 5'	BOTTOM 8 @ 5'	BOTTOM 9 @ 5'	BOTTOM 10 @ 5'	BOTTOM 11 @ 5'
Analyte	Method	Date	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		48.0	80.0	32.0	16.0	32.0	32.0	64.0	32.0	64.0	48.0	48.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

		Sample ID	BOTTOM 12 @ 6'	BOTTOM 13 @ 6'	BOTTOM 14 @ 6'	BOTTOM 15 @ 6'
Analyte	Method	Date	2/8/22	2/8/22	2/8/22	2/8/22
			mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Toluene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Ethylbenzene	BTEX 8021B		<0.050	<0.050	<0.050	<0.050
Total Xylenes	BTEX 8021B		<0.150	<0.150	<0.150	<0.150
Total BTEX	BTEX 8021B		<0.300	<0.300	<0.300	<0.300
Chloride	SM4500Cl-B		32.0	48.0	32.0	48.0
GRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0
EXT DRO	TPH 8015M		<10.0	<10.0	<10.0	<10.0

		Sample ID	SIDEWALL 1	SIDEWALL 2	SIDEWALL 3	SIDEWALL 4	SIDEWALL 5	SIDEWALL 6	SIDEWALL 7	SIDEWALL 8	SIDEWALL 9	SIDEWALL 10	SIDEWALL 11	SIDEWALL 12
Analyte	Method	Date	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22	2/8/22
			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	BTEX 8021B		<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	SM4500Cl-B		64.0	32.0	32.0	32.0	80.0	64.0	64.0	48.0	64.0	48.0	16.0	48.0
GRO	TPH 8015M		<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	TPH 8015M		<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	TPH 8015M		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



CYPRESS 33 FED 0008H

4/20/21



CYPRESS 33 FED 0008H

4/20/21





CYPRESS 33 FED 0008H
4/20/21



CYPRESS 33 FED 0008H
4/20/21



CYPRESS 33 FED 0008H
4/20/21





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

February 14, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: CYPRESS 33 FED COM 8H

Enclosed are the results of analyses for samples received by the laboratory on 02/09/22 8:10.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 1 @ 5' (H220487-01)

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	02/10/2022	ND	2.02	101	2.00	6.13	
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91	
Total BTEX	<0.300	0.300	02/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.3 % 59.5-142

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:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 2 @ 5' (H220487-02)

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	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 103 % 66.9-136

Surrogate: 1-Chlorooctadecane 116 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 3 @ 5' (H220487-03)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTX	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/10/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/10/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/10/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.7 % 59.5-142

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 4 @ 5' (H220487-04)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTX	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	193	96.3	200	0.169	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	192	96.1	200	2.08	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.7 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 5 @ 5' (H220487-05)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTX	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	QM-07
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 85.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.3 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 6 @ 5' (H220487-06)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTX	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 105 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 77.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.4 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 7 @ 5' (H220487-07)

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	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.6 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 8 @ 5' (H220487-08)

BTX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13	
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91	
Total BTX	<0.300	0.300	02/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 90.1 % 59.5-142

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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:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 9 @ 5' (H220487-09)

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	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 73.7 % 66.9-136

Surrogate: 1-Chlorooctadecane 79.7 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 10 @ 5' (H220487-10)

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	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/14/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/14/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/14/2022	ND					

Surrogate: 1-Chlorooctane 102 % 66.9-136

Surrogate: 1-Chlorooctadecane 107 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 11 @ 5' (H220487-11)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTX	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 106 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 71.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 80.1 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 12 @ 6' (H220487-12)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTX	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 77.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 84.9 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 13 @ 6' (H220487-13)

BTX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	2.02	101	2.00	6.13		
Toluene*	<0.050	0.050	02/10/2022	ND	2.00	100	2.00	6.70		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.98	99.2	2.00	6.53		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	6.19	103	6.00	6.91		
Total BTX	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 85.8 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 14 @ 6' (H220487-14)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTX	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.4 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: BOTTOM 15 @ 6' (H220487-15)

BTX 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTX	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 77.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.6 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 1 (H220487-16)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 92.0 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 2 (H220487-17)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	02/10/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 72.0 % 66.9-136

Surrogate: 1-Chlorooctadecane 78.9 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 3 (H220487-18)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 101 % 69.9-140

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	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.7 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 4 (H220487-19)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 93.7 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 5 (H220487-20)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	80.0	16.0	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 84.2 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.2 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 6 (H220487-21)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 77.6 % 66.9-136

Surrogate: 1-Chlorooctadecane 83.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 7 (H220487-22)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 91.7 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 8 (H220487-23)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 88.6 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 9 (H220487-24)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	199	99.5	200	1.93	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	199	99.4	200	3.57	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 75.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 82.1 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 10 (H220487-25)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46	
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18	
Total BTX	<0.300	0.300	02/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 69.9-140

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	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	166	82.8	200	38.9	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	221	111	200	0.0113	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 66.9-136

Surrogate: 1-Chlorooctadecane 89.2 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 11 (H220487-26)

BTEx 8021B		mg/kg		Analyzed By: MS/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46		
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50		
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50		
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18		
Total BTEx	<0.300	0.300	02/10/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 69.9-140

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	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	166	82.8	200	38.9	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	221	111	200	0.0113	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 80.3 % 66.9-136

Surrogate: 1-Chlorooctadecane 86.7 % 59.5-142

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Analytical Results For:

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

Received:	02/09/2022	Sampling Date:	02/08/2022
Reported:	02/14/2022	Sampling Type:	Soil
Project Name:	CYPRESS 33 FED COM 8H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Tamara Oldaker
Project Location:	OXY		

Sample ID: SIDEWALL 12 (H220487-27)

BTX 8021B		mg/kg		Analyzed By: MS/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	02/10/2022	ND	1.99	99.5	2.00	5.46	
Toluene*	<0.050	0.050	02/10/2022	ND	1.98	99.0	2.00	5.50	
Ethylbenzene*	<0.050	0.050	02/10/2022	ND	1.91	95.7	2.00	5.50	
Total Xylenes*	<0.150	0.150	02/10/2022	ND	5.98	99.7	6.00	5.18	
Total BTX	<0.300	0.300	02/10/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 100 % 69.9-140

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	02/10/2022	ND	432	108	400	0.00		

TPH 8015M		mg/kg		Analyzed By: CK					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	02/11/2022	ND	166	82.8	200	38.9	
DRO >C10-C28*	<10.0	10.0	02/11/2022	ND	221	111	200	0.0113	
EXT DRO >C28-C36	<10.0	10.0	02/11/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 66.9-136

Surrogate: 1-Chlorooctadecane 87.8 % 59.5-142

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-04	The RPD for the BS/BSD was outside of historical limits.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE TIME

TPH

BTEX

CL-

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Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Delivered By: (Circle One)

UPS

Bus

Other

Sample Condition

Cool

Intact

Yes

No

Checked By:

(Initials)

Phone Result:

Yes

No

Add'l Phone #:

Add'l Fax #:

REMARKS:

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



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404 East Maryland Hobbs, NM 882

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BILL TO

ANALYSIS REQUEST

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 31 of 32

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

P.O. #:

Company:

Attn:

Address:

City:

State:

Phone #:

Fax #:

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs State: NM Zip: 88241

Phone #: 575-397-6388 Fax #: 575-397-0397

Project #: Project Owner: Oxy

Project Name:

Project Location:

Sample Name:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER:

ACID/BASE:

ICE / COOL

OTHER:

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

DATE

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TIME

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Relinquished By:

Date: 2.9.22

Received By:

Phone Result:

Yes ☐ No ☐

Fax Result:

Yes ☐ No ☐

Add'l Phone #:

Add'l Fax #:

REMARKS:

Relinquished By:

Date: 2.9.22

Received By:

Phone Result:

Yes ☐ No ☐

Fax Result:

Yes ☐ No ☐

Add'l Phone #:

Add'l Fax #:

REMARKS:

Delivered By: (Circle One)

UPS ☒ Bus ☐ Other: ☐

Sample Condition

Cool ☒ Intact ☐

Yes ☒ No ☐

CHECKED BY:

(Initials)

4.32 6.05 5.82 #13

† 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 92726

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 92726
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved. Please submit soil data from 0 to excavated depth as a tag into the system.	4/20/2022