

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 : 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. 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.

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

State of New Mexico
Oil Conservation Division

Page 6

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 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: *Wade Dittrich* 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



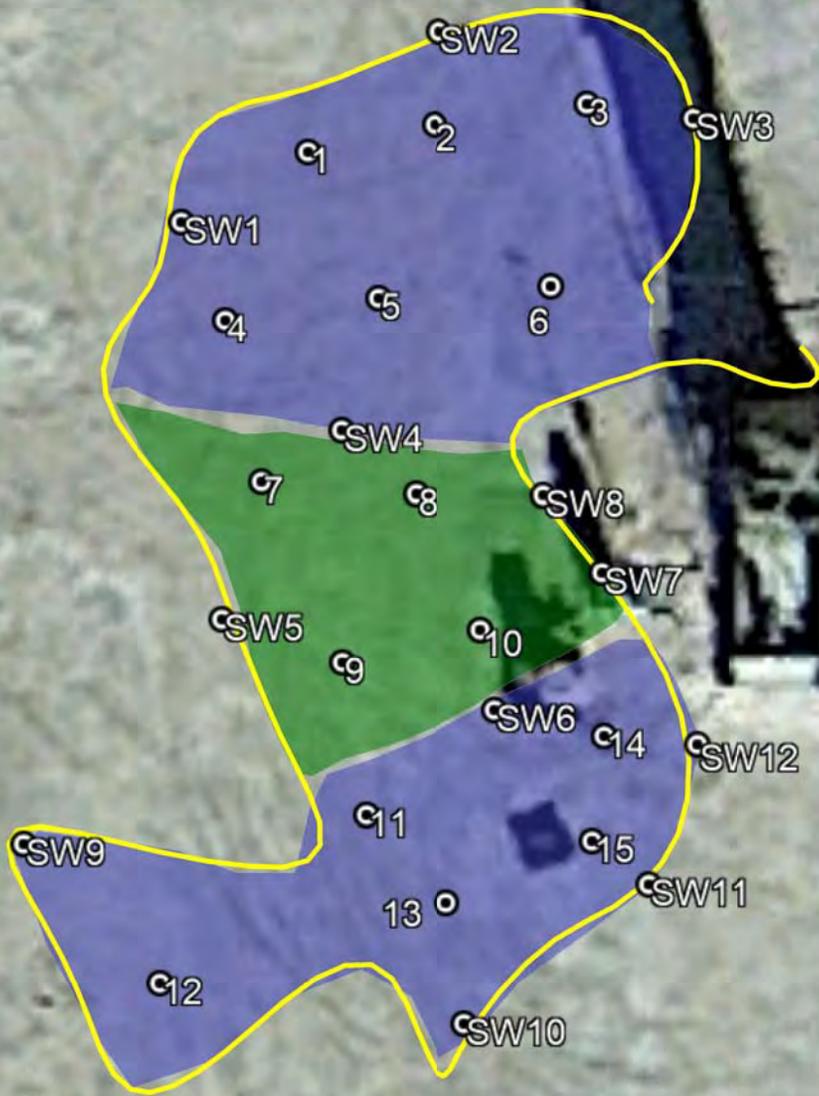
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NOX, CYPRESS 33 FED COM 8H

PEAK DATE: 4/20/21
ID#NAPP2113043641
SANDY 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

Analyte	Method	Sample ID	BOTTOM 1	BOTTOM 2	BOTTOM 3	BOTTOM 4	BOTTOM 5	BOTTOM 6	BOTTOM 7	BOTTOM 8	BOTTOM 9	BOTTOM 10	BOTTOM 11
			@ 5'	@ 5'	@ 5'	@ 5'	@ 5'	@ 5'	@ 5'	@ 5'	@ 5'	@ 5'	@ 5'
			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									
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

Analyte	Method	Sample ID	BOTTOM 12	BOTTOM 13	BOTTOM 14	BOTTOM 15
			@ 6'	@ 6'	@ 6'	@ 6'
			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

Analyte	Method	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
			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									
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".

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

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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)

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) 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)

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) 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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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 5 @ 5' (H220487-05)

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	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	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)

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	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
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 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:

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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 8 @ 5' (H220487-08)

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	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	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
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 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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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 11 @ 5' (H220487-11)

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	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) 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:

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 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)

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	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)

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	02/11/2022	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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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 14 @ 6' (H220487-14)

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	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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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 15 @ 6' (H220487-15)

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	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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Celey D. Keene, Lab Director/Quality Manager



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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:	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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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 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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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 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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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 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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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 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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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*=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: 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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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 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



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 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)

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	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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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 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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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 12 (H220487-27)

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) 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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Celey 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 #:

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name:

Project Location:

Sampler Name:

FOR LAB USE ONLY

Attn: OXY

Address: OXY

City: OXY

State: OXY

Phone #: OXY

Fax #: OXY

Project #:

Project Name: CYPRESS 33 Fed Com BH

Project Location: Roger Hernandez

Sampler Name: Roger Hernandez

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	TPH	BTEX	CL-
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:					
H220487	1	05	1								2-8-72	1000			
	2	05	1								2-8-72	1010			
	3	05	1								2-8-72	1020			
	4	05	1								2-8-72	1030			
	5	05	1								2-8-72	1040			
	6	05	1								2-8-72	1050			
	7	05	1								2-8-72	1100			
	8	05	1								2-8-72	1110			
	9	05	1								2-8-72	1120			
	10	05	1								2-8-72	1130			

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Relinquished By: Roger Hernandez
Date: 1-9-72
Time: 8:10 am

Received By: Patricia Chavez
Date: 1-9-72
Time: 8:10 am

Delivered By: (Circle One) UPS Bus Other: 6.32 0-0.58

Sampler - UPS - Bus - Other: 5.82 #13

Sample Condition: Intact Cool Yes No

CHECKED BY: (Initials) PS

REMARKS:

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

2 of 3

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs State: NM zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #: Project Owner: Oxy
 Project Name: Cypress 33 Fed Comb
 Project Location: P.O. Box 805
 Attn: Oxy
 Address: City: State: Zip:
 Phone #: Fax #:

FOR LAB/USE ONLY
 Sampler Name: Roger Hernandez
 Matrix: GROUNDWATER, WASTEWATER, SOIL, OIL, SLUDGE, OTHER:
 Preserv: ACID/BASE, ICE/COOL, OTHER:
 Sampling: DATE, TIME

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
H220487	11	Bottom	1	G			2-8-22	1140	TPH
	12	Bottom	1	G			2-8-22	1150	BTEX
	13	Bottom	1	G			2-8-22	1200	CL
	14	Bottom	1	G			2-8-22	1710	
	15	Bottom	1	G			2-8-22	1730	
	16	Sidewalk	1	G			2-8-22	1740	
	17	Sidewalk	1	G			2-8-22	1750	
	18	Sidewalk	1	G			2-8-22	1800	
	19	Sidewalk	1	G			2-8-22	1810	
	20	Sidewalk	1	G			2-8-22	1820	

PLEASE NOTE: Liability and Damages: Cardinal's liability and extent of coverage is limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.

Relinquished By: Roger Hernandez
 Date: 2-9-22
 Time: 8:10 AM
 Received By: [Signature]
 Date: [Blank]
 Time: [Blank]

Delivered By: (Circle One) UPS Bus Other
 4:30 2-015C
 5:08 #113
 Sample Condition: Cool Intact
 Checked By: [Signature]

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Phone #: 575-397-6388

Project #:

Project Name:

Project Location:

State: NM Zip: 88241

Fax #: 575-397-0397

Project Owner: Oxy

Attn: Oxy

Address: Oxy

City: Oxy

State: Oxy

Phone #: Oxy

Fax #: Oxy

Sampler Name:

FOR LAB USE ONLY

Lab I.D. Sample I.D.

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	REMARKS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER			
A320487	Sidewalk	G	1			✓				2-9-22	130	TPH
21	Sidewalk	G	1			✓				2-9-22	140	BTEX
22	Sidewalk	G	1			✓				2-9-22	150	CL
23	Sidewalk	G	1			✓				2-9-22	900	
24	Sidewalk	G	1			✓				2-9-22	110	
25	Sidewalk	G	1			✓				2-9-22	120	
26	Sidewalk	G	1			✓				2-9-22	130	

PLEASE NOTE: Liability and Damages: Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable services. 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.

Relinquished By: *Dogel Hernandez*

Date: 2-9-22

Time: 8:10 am

Received By: *Juanita C. [Signature]*

Phone Result: Yes No

Fax Result: Yes No

Add'l Phone #: Add'l Fax #:

Delivered By: (Circle One)

Sampler - UPS - Bus - Other:

6:30 (C-0.5)

5:58 #113

Sample Condition Cool Intact Yes No

CHECKED BY: (Initials) *JS*

† 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