

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nAPP2132162317
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: 9-29-22
 email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: Robert Hamlet Date: 2/20/2023

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: *Robert Hamlet* Date: 2/20/2023
 Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

Closure Report

INCIDENT ID # nAPP2132162317

Site Description

Site Name:	GOODNIGHT 27-4 CTB
Company:	Oxy USA, Inc.
Legal Description:	U/L N, Section 27 , T 23S, R 29E
County:	EDDY County, NM
GPS Coordinates:	N 32.67942 , W -103.14262

Release Data

Date of Release:	10/17/2021
Type of Release:	Produced water
Source of Release:	3" VICTOLIC CLAMP WAS LEAKING AND SPRAYING OUT
Volume of Release:	10 BBLS
Volume Recovered:	0 BBLS

Remediation Specifications

Remediation Parameters:	OXY will excavated the spill area as depicted on the following site diagram. The leak area near SP1 and SP2 (WHITE shade on diagram) was excavated to a depth of 1 foot. The leak area near SP3 and SP4 (GREEN shade on diagram) was excavated to a depth of 3 feet. The leak area near SP5 (BLUE shade on diagram) was excavated to a depth of 2 feet. OXYI collected sidewall and bottom confirmation samples every 200 square feet.
Remediation Activities:	

Plan Sent to OCD:	2/21/2022	
OCD Approval of Plan:	4/7/2022	
Plan Sent to BLM:	2/21/2022	
BLM Approval of Plan:		

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for 9/22/22, 9/28/22	
Notifications	9/20/2022	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

11/22/2022

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

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Closure

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Printed Name: Wade Dittrich Title: Environmental Coordinator
 Signature: *Wade Dittrich* Date: 9-29-22
 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: _____ Date: _____

Printed Name: _____ Title: _____

From: [Cliff Brunson](#)
To: ["Enviro, OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); [Kathy Sweeney](#)
Subject: OXY - Goodnight 27 4 CTB - Sampling Notification
Date: Tuesday, September 20, 2022 4:34:34 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Goodnight 27 4 CTB (nAPP2132162317) on Thursday, September 22, 2022 at 1:30 p.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.
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From: [Cliff Brunson](#)
To: ["Enviro, OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); [Kathy Sweeney](#)
Subject: OXY - Goodnight 27 4 CTB - Sampling Notification
Date: Thursday, August 25, 2022 5:15:00 PM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Goodnight 27 4 CTB (nAPP2132162317) on Tuesday, August 30, 2022 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
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 Hobbs, NM 88240 USA
 Phone: (575) 397-6388
 Fax: (575) 397-0397
 E-Mail: cbrunson@bbcinternational.com



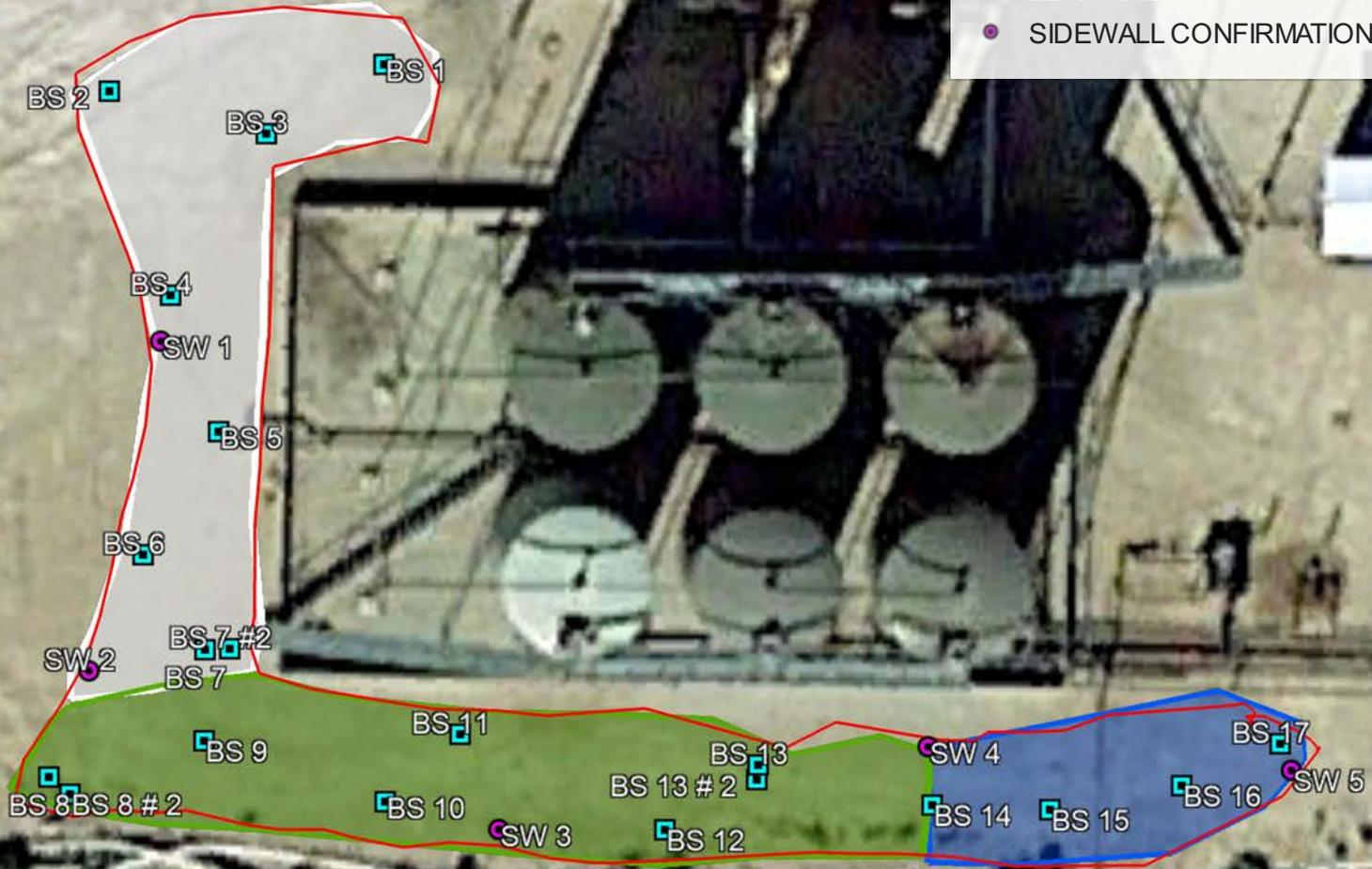
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OXY-GOODNIGHT 27-4 CTB

LEAK DATE 10/17/21
EDDY CO , NM
INCIDENT ID#nAPP2132162317

Legend

-  1FT EXCAVATION
-  2FT EXCAVATION
-  3FT EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  LEAK AREA
-  SIDEWALL CONFIRMATION SAMPLE POINTS



OXY - GOODNIGHT 27-4 CTB (10/17/22) SAMPLE DATE (8/30/22-9/22/22)
8/30/2022

BOTTOM SAMPLE

BS 1@ 1'	N 32.26913	W-103.97508
BS 2 @ 1'	N 32.26913	W-103.97512
BS 3 @1'	N 32.26911	W-103.97512
BS 4 @ 1'	N 32.26907	W-103.97514
BS 5 @ 1'	N 32.26908	W-103.97514
BS 6 @ 1'	N 32.26905	W-103.97515
BS 7 @ 1'	N 32.26901	W-103.97513
BS 7 @ 2'	N 32.26901	W-103.97513
BS 8 @ 3'	N 32.26900	W-103.97513
BS 8@ 4'	N 32.26900	W-103.97513
BS 9 @ 3'	N 32.26899	W-103.97510
BS 10@3'	N 32.26896	W-103.97507
BS 11@3'	N 32.20555	W-103.97634
BS 12@3'	N 32.26894	W-103.97500
BS 13@3'	N 32.26887	W-103.97495
BS13@ 4'	N 32.26887	W-103.97495
BS 14@3'	N 32.26895	W-103.97492
BS 15@ 2'	N 32.26895	W-103.97497
BS 16@ 2'	N 32.26597	W-103.97484
BS 17@ 2'	N 32.26597	W-103.97491

SIDEWALL SAMPLE

8/30/2022

SW 1	N 32.26906	W-103.97512
SW 2	N 32.26898	W-103.97514
SW 3	N 32.26893	W-103.97497
SW 4	N 32.26895	W-103.97487
SW 5	N 32.26896	W-103.97480

	Sample ID	BS 1 @ 1'	BS 2 @ 1'	BS 3 @ 1'	BS 4 @ 1'	BS 5 @ 1'	BS 6 @ 1'	BS 7 @ 1'	BS 8 @ 3'	BS 9 @ 3'	BS10@ 3'	BS 11 @ 3'	BS12 @ 3'	BS13 @ 3'	BS14 @ 3'	BS15 @ 2'	BS16 @ 2'	BS17 @ 2'
Analyte	Date	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg								
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		80.0	80.0	80.0	80.0	80.0	96.0	80.0	64.0	128.0	48.0	96.0	96.0	96.0	80.0	80.0	80.0	64.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		19	27.6	45.6	24.3	<10.0	<10.0	62	118	24.4	<10.0	34.1	<10.0	68.3	15	26	<10.0	<10.0
EXT DRO		<10.0	12.7	23.6	<10.0	<10.0	<10.0	40	78.1	13.6	<10.0	19.7	<10.0	58.1	<10.0	15	<10.0	<10.0

	Sample ID	BS 7@2'	BS 8 @4'	BS13@ 4'
Analyte	Date	9/22/22	9/22/22	9/22/22
		mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.0150
Total BTEX		<0.300	<0.300	<0.300
Chloride		16.0	32.0	16.0
GRO		<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5
Analyte	Date	8/30/22	8/30/22	8/30/22	8/30/22	8/30/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.50	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		96.0	64.0	128.0	80.0	112.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0
DRO		19.7	22.4	48.7	32.5	30.7
EXT DRO		12.5	<10.0	18.8	13.8	<10.0



OXY- GOODNIGHT 27-4 CTB (10-17-21)





OXY- GOODNIGHT 27-4 CTB (10-17-21)





OXY- GOODNIGHT 27-4 CTB (10-17-21)





OXY- GOODNIGHT 27-4 CTB (10-17-21)





OXY- GOODNIGHT 27-4 CTB (10-17-21)



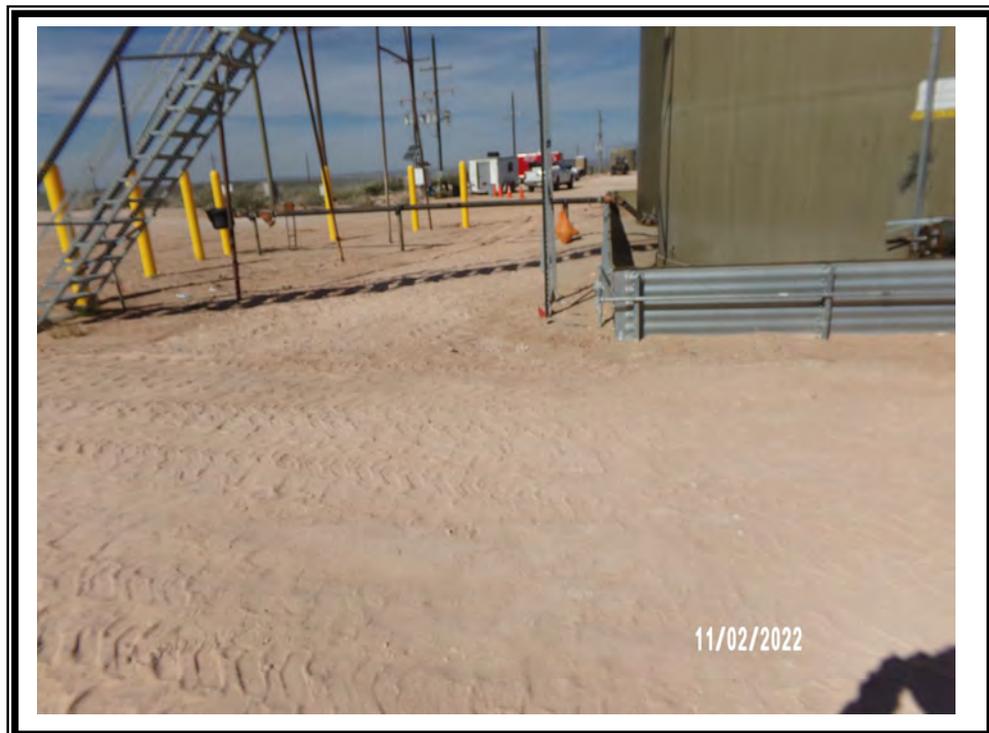


OXY- GOODNIGHT 27-4 CTB (10-17-21)





OXY- GOODNIGHT 27-4 CTB (10-17-21)





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

September 06, 2022

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

RE: GOODNIGHT 27 - 4 CTB

Enclosed are the results of analyses for samples received by the laboratory on 08/31/22 14:35.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H224012-01)

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	09/02/2022	ND	1.99	99.5	2.00	7.25	
Toluene*	<0.050	0.050	09/02/2022	ND	2.27	113	2.00	2.86	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	2.28	114	2.00	2.81	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	7.03	117	6.00	3.25	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 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	80.0	16.0	09/01/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	19.0	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 46.3-178

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:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 2 @ 1' (H224012-02)

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	09/02/2022	ND	1.99	99.5	2.00	7.25	
Toluene*	<0.050	0.050	09/02/2022	ND	2.27	113	2.00	2.86	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	2.28	114	2.00	2.81	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	7.03	117	6.00	3.25	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	80.0	16.0	09/01/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	27.6	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	12.7	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.4 % 46.3-178

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:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H224012-03)

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	09/02/2022	ND	1.99	99.5	2.00	7.25	
Toluene*	<0.050	0.050	09/02/2022	ND	2.27	113	2.00	2.86	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	2.28	114	2.00	2.81	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	7.03	117	6.00	3.25	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	80.0	16.0	09/01/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	45.6	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	23.6	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.8 % 46.3-178

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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:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H224012-04)

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	09/02/2022	ND	1.99	99.5	2.00	7.25	
Toluene*	<0.050	0.050	09/02/2022	ND	2.27	113	2.00	2.86	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	2.28	114	2.00	2.81	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	7.03	117	6.00	3.25	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	09/01/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	24.3	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.7 % 46.3-178

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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H224012-05)

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	09/02/2022	ND	1.99	99.5	2.00	7.25	
Toluene*	<0.050	0.050	09/02/2022	ND	2.27	113	2.00	2.86	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	2.28	114	2.00	2.81	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	7.03	117	6.00	3.25	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	09/01/2022	ND	416	104	400	3.77	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.4 % 46.3-178

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Analytical Results For:

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Fax To: (575) 397-0397

Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 6 @ 1' (H224012-06)

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	09/02/2022	ND	1.99	99.5	2.00	7.25		
Toluene*	<0.050	0.050	09/02/2022	ND	2.27	113	2.00	2.86		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	2.28	114	2.00	2.81		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	7.03	117	6.00	3.25		
Total BTEX	<0.300	0.300	09/02/2022	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	96.0	16.0	09/01/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60		
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	222	111	200	0.0360		
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND						

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.8 % 46.3-178

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Fax To: (575) 397-0397

Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 7 @ 1' (H224012-07)

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	09/02/2022	ND	1.99	99.5	2.00	7.25	
Toluene*	<0.050	0.050	09/02/2022	ND	2.27	113	2.00	2.86	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	2.28	114	2.00	2.81	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	7.03	117	6.00	3.25	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	80.0	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	62.0	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	40.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.2 % 46.3-178

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Analytical Results For:

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Fax To: (575) 397-0397

Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 8 @ 3' (H224012-08)

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	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	64.0	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	118	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	78.1	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

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Cliff Brunson
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Fax To: (575) 397-0397

Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 9 @ 3' (H224012-09)

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	09/02/2022	ND	1.73	86.5	2.00	9.02		
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0		
Total BTEX	<0.300	0.300	09/02/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	128	16.0	09/01/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60		
DRO >C10-C28*	24.4	10.0	09/01/2022	ND	222	111	200	0.0360		
EXT DRO >C28-C36	13.6	10.0	09/01/2022	ND						

Surrogate: 1-Chlorooctane 79.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.5 % 46.3-178

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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 10 @ 3' (H224012-10)

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	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 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	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 82.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.5 % 46.3-178

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Fax To: (575) 397-0397

Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 11 @ 3' (H224012-11)

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	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	96.0	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	34.1	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	19.7	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 84.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.9 % 46.3-178

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

Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 12 @ 3' (H224012-12)

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	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 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	96.0	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.0 % 46.3-178

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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:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 13 @ 3' (H224012-13)

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	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	96.0	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	68.3	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	58.1	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 87.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 14 @ 3' (H224012-14)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 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	80.0	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	15.0	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 79.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 15 @ 2' (H224012-15)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	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	80.0	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	26.0	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	15.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 87.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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Analytical Results For:

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Fax To: (575) 397-0397

Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 16 @ 2' (H224012-16)

BTEX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/02/2022	ND	1.73	86.5	2.00	9.02		
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72		
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7		
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0		
Total BTEX	<0.300	0.300	09/02/2022	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	80.0	16.0	09/01/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60		
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	222	111	200	0.0360		
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND						

Surrogate: 1-Chlorooctane 68.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 70.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 17 @ 2' (H224012-17)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	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	64.0	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	211	106	200	2.60	
DRO >C10-C28*	<10.0	10.0	09/01/2022	ND	222	111	200	0.0360	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL SAMPLE 1 (H224012-18)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 113 % 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	96.0	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	19.7	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	12.5	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL SAMPLE 2 (H224012-19)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	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	64.0	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	22.4	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 75.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.2 % 46.3-178

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Analytical Results For:

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Received:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL SAMPLE 3 (H224012-20)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	128	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	48.7	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	18.8	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.0 % 46.3-178

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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:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL SAMPLE 4 (H224012-21)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	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	80.0	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	32.5	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	13.8	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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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:	08/31/2022	Sampling Date:	08/30/2022
Reported:	09/06/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY CO NM		

Sample ID: SIDEWALL SAMPLE 5 (H224012-22)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/02/2022	ND	1.73	86.5	2.00	9.02	
Toluene*	<0.050	0.050	09/02/2022	ND	1.73	86.6	2.00	9.72	
Ethylbenzene*	<0.050	0.050	09/02/2022	ND	1.70	85.2	2.00	10.7	
Total Xylenes*	<0.150	0.150	09/02/2022	ND	5.36	89.3	6.00	10.0	
Total BTEX	<0.300	0.300	09/02/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 111 % 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	112	16.0	09/01/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	09/01/2022	ND	203	102	200	3.16	
DRO >C10-C28*	30.7	10.0	09/01/2022	ND	214	107	200	3.48	
EXT DRO >C28-C36	<10.0	10.0	09/01/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QM-07 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
- BS-3 Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
- 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

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: GOODNIGHT 27-4 CTB (10/17/21) Project Location: New Mexico Sampler Name: SIMON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
BILL TO			
ANALYSIS REQUEST			
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	
	H224012		
	11	BOTTOM SAMPLE 11 @ 3'	(G)RAB OR (C)OMP.
	12	BOTTOM SAMPLE 12 @ 3'	# CONTAINERS
	13	BOTTOM SAMPLE 13 @ 3'	GROUNDWATER
	14	BOTTOM SAMPLE 14 @ 3'	WASTEWATER
	15	BOTTOM SAMPLE 15 @ 2'	SOIL
	16	BOTTOM SAMPLE 16 @ 2'	OIL
	17	BOTTOM SAMPLE 17 @ 2'	SLUDGE
	18	SIDEWALL SAMPLE 1	OTHER :
	19	SIDEWALL SAMPLE 2	ACID/BASE:
	20	SIDEWALL SAMPLE 3	ICE / COOL
			OTHER :
			DATE
			TIME
			chloride
			BTEX
			TPH EXT

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Relinquished By: <i>[Signature]</i> Date: 8-31-22 Time: 3:00pm	Received By: <i>[Signature]</i> Date: 8-31-22 Time: 3:00pm
Relinquished By: <i>[Signature]</i> Date: 8-31-22 Time: 4:35	Received By: <i>[Signature]</i> Date: 8-31-22 Time: 4:35
Delivered By: (Circle One) Sampler - UPS - Bus - Other:	Sample Condition Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
CHECKED BY: <i>[Signature]</i> (Initials)	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> 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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 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company: Oxy		Address:			
Address: P.O. Box 805		Attn:		City:			
City: Hobbs		State: NM		Zip: 88241			
Phone #: 575-397-6388		Fax #: 575-397-0397		Project Name: GOODNIGHT 27-4 CTB (10/17/21)			
Project #: _____		Project Owner: Oxy		State: _____		Zip: _____	
Project Location: New Mexico		Phone #: _____		Fax #: _____			
Sampler Name: SIMON		FOR LAB USE ONLY					
Lab I.D.		Sample I.D.					
H224012		21 SIDEWALL SAMPLE 4		(G)RAB OR (C)OMP.			
22 SIDEWALL SAMPLE 5		6		# CONTAINERS			
		GROUNDWATER		WASTEWATER			
		SOIL		OIL			
		SLUDGE		OTHER :			
		ACID/BASE:		ICE / COOL			
		OTHER :		DATE		TIME	
		8/30/22		12:12PM			
		8/30/22		12:20PM			
		✓		Chloride			
		✓		BTEX			
		✓		TPH EXT			

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Relinquished By: <i>[Signature]</i>	Date: 8-31-22	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: _____
Time: 8:00 AM		Time: 14:35	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: _____
Delivered By: (Circle One) <i>Samuelson</i>	Date: 8-31-22	Received By: <i>[Signature]</i>	Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other: <i>-4.0c</i>	Time: 14:35	Time: 14:35	Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	(Initials) <i>YS</i>

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



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

September 28, 2022

Cliff Brunson
BBC International, Inc.
P.O. Box 805
Hobbs, NM 88241

RE: GOODNIGHT 27 - 4 CTB

Enclosed are the results of analyses for samples received by the laboratory on 09/23/22 15:00.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-22-15. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/qa/lab_accred_certif.html.

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

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:	09/23/2022	Sampling Date:	09/22/2022
Reported:	09/28/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 7 @ 2' (H224436-01)

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	09/26/2022	ND	1.92	95.8	2.00	9.07	
Toluene*	<0.050	0.050	09/26/2022	ND	2.15	107	2.00	7.09	
Ethylbenzene*	<0.050	0.050	09/26/2022	ND	2.07	103	2.00	11.1	
Total Xylenes*	<0.150	0.150	09/26/2022	ND	6.28	105	6.00	12.5	
Total BTEX	<0.300	0.300	09/26/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	09/26/2022	ND	400	100	400	3.92	

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	09/23/2022	ND	183	91.7	200	0.704	
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	200	100	200	2.66	
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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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:	09/23/2022	Sampling Date:	09/22/2022
Reported:	09/28/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 8 @ 4' (H224436-02)

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	09/26/2022	ND	1.92	95.8	2.00	9.07		
Toluene*	<0.050	0.050	09/26/2022	ND	2.15	107	2.00	7.09		
Ethylbenzene*	<0.050	0.050	09/26/2022	ND	2.07	103	2.00	11.1		
Total Xylenes*	<0.150	0.150	09/26/2022	ND	6.28	105	6.00	12.5		
Total BTEX	<0.300	0.300	09/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	09/26/2022	ND	400	100	400	3.92		

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	09/23/2022	ND	183	91.7	200	0.704		
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	200	100	200	2.66		
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND						

Surrogate: 1-Chlorooctane 94.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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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:	09/23/2022	Sampling Date:	09/22/2022
Reported:	09/28/2022	Sampling Type:	Soil
Project Name:	GOODNIGHT 27 - 4 CTB	Sampling Condition:	Cool & Intact
Project Number:	(10-17-21)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 13 @ 4' (H224436-03)

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	09/26/2022	ND	1.92	95.8	2.00	9.07		
Toluene*	<0.050	0.050	09/26/2022	ND	2.15	107	2.00	7.09		
Ethylbenzene*	<0.050	0.050	09/26/2022	ND	2.07	103	2.00	11.1		
Total Xylenes*	<0.150	0.150	09/26/2022	ND	6.28	105	6.00	12.5		
Total BTEX	<0.300	0.300	09/26/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	09/26/2022	ND	400	100	400	3.92		

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	09/23/2022	ND	183	91.7	200	0.704		
DRO >C10-C28*	<10.0	10.0	09/23/2022	ND	200	100	200	2.66		
EXT DRO >C28-C36	<10.0	10.0	09/23/2022	ND						

Surrogate: 1-Chlorooctane 79.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- 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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: GOODNIGHT 27-4 CTB (10/17/21) Project Location: New Mexico Sampler Name: SIMON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
BILL TO		ANALYSIS REQUEST	
Lab I.D. H22436	Sample I.D. BOTTOM SAMPLE 7 @ 2' BOTTOM SAMPLE 8 @ 4' BOTTOM SAMPLE 13 @ 4'	MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : _____ ACID/BASE: ICE / COOL OTHER : _____	(G)RAB OR (C)OMP. # CONTAINERS DATE TIME Chloride B Tex TPH EXT
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Delivered By: (Circle One) <input checked="" type="checkbox"/> UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other: _____ Sampler - UPS - Bus - Other: _____		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input checked="" type="checkbox"/> CHECKED BY: _____ (Initials)	
Relinquished By: _____ Date: _____ Time: _____		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____ REMARKS: _____	

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

CONDITIONS

Action 160941

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 160941
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2132162317 GOODNIGHT 27-4 CTB, thank you. This closure is approved.	2/20/2023