

Closure Report

ID # nRM2030954654

Site Description

Site Name:	RED TANK 31-5H
Company:	Oxy USA, Inc.
Legal Description:	U/L D , S 31, T 22 S , R 33E
County:	Lea County, NM
GPS Coordinates:	N 32.35430 , W-103.61868

Release Data

Date of Release:	10/8/2020
Type of Release:	Produced water
Source of Release:	Internal corrosion
Volume of Release:	20 bbls
Volume Recovered:	0 bbls

Remediation Specifications

Remediation Parameters:	OXY excavated the spill area as depicted on the following site diagram. The leak area near SP1, SP2, SP6 – SP15, SP18 and SP19 (purple shade on diagram) was excavated to a depth of 4 feet. OXY requested a variance per 19.15.29.14 NMAC to install an impermeable liner (20 mil plastic) into the bottom of the excavation. This variance is requested due to the safety concerns of a deeper excavation and the liner was protective of further migration of the chloride impact. The leak area near SP3 –SP5 and SP16 – SP17 (light blue shade on diagram) required zero remediation. In addition, OXY collected only sidewall confirmation samples every 200 square feet since there was an impermeable liner in the bottom and deeper sample data exists in this report..
Remediation Activities:	8/8/22 - 10/10/22

Plan Sent to OCD:	2/19/2021	
OCD Approval of Plan:	4/22/2021	
Plan Sent to BLM:	2/19/2021	
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 9/16/22	
Notifications	9/14/2022	

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

Incident ID	nRM2030954654
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: 10-11-22
 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: 01/03/2023
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: [Cliff Brunson](#)
To: ["Enviro, OCD, EMNRD"](#)
Cc: ["Wade Dittrich"](#); ["Ken Swinney"](#); ["Jennifer Gilkey"](#); [Kathy Sweeney](#); ["Pierce, Tyson \(Legacy Safety & Consulting LLC\)"](#)
Subject: OXY - Red Tank 31-5H - Sampling Notification
Date: Wednesday, September 14, 2022 10:34:51 AM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Red Tank 31-5H (nRM2030954654) on Friday, September 16, 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
 Shipping Address:
 1324 W. Marland St.
 Hobbs, NM 88240 USA
 Phone: (575) 397-6388
 Fax: (575) 397-0397
 E-Mail: cbrunson@bbcinternational.com



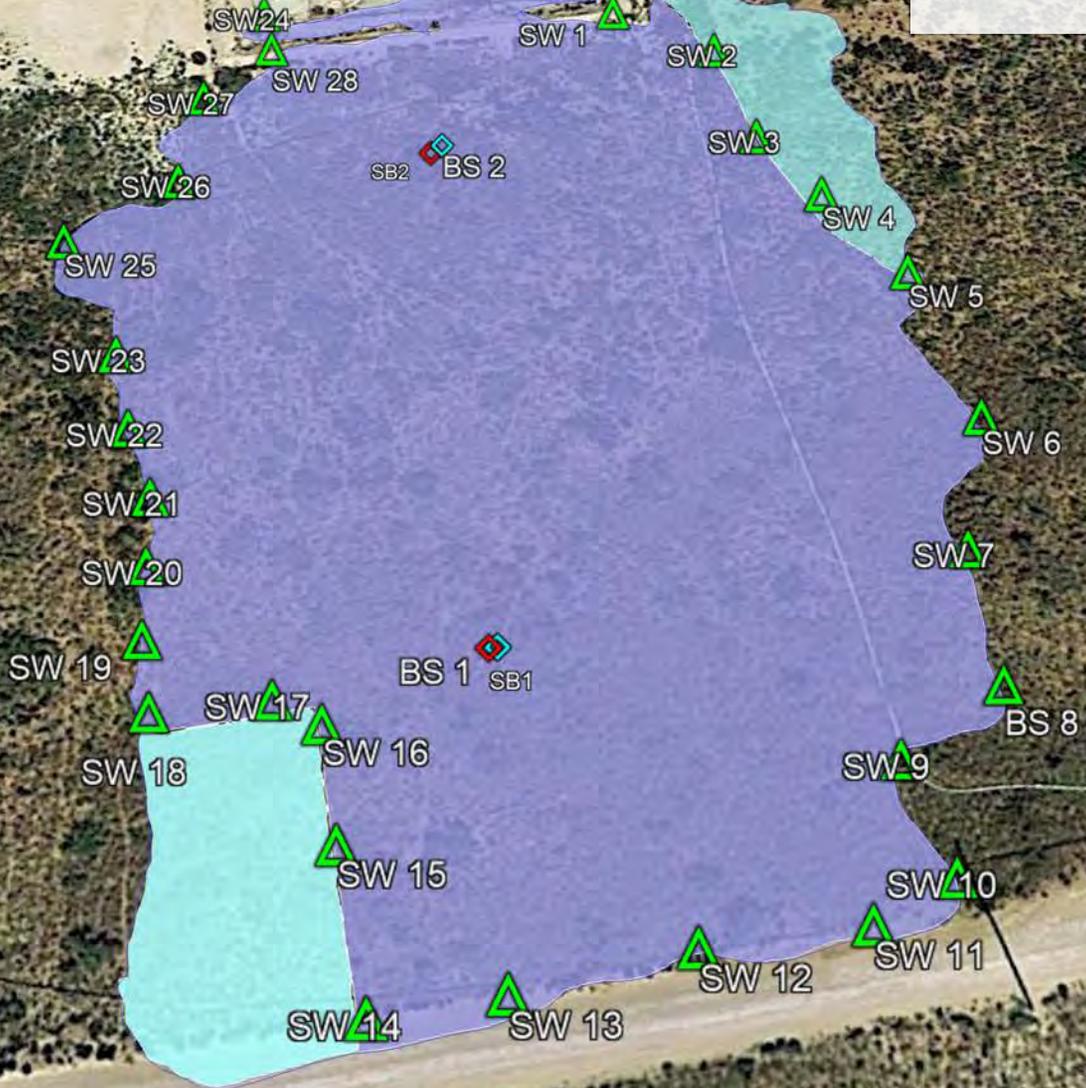
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OXY-RED TANK 31-5H

LEAK DATE 10/08/2020
ID#nRM2015531569
LEACO, NM

Legend

-  4' Excavation with liner
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  LEAK AREA
-  SB SAMPLES POINTS
-  SIDEWALL CONFIRMATION SAMPLE POINTS
-  ZERO REMEDIATION



OXY RED TANK 31-5H (5-18-21) SAMPLE DATE 9/19/22

BOTTOM SAMPLES

BS 1 @ 4'	N 32.353571	W -103.603237
BS 2 @4'	N 32.35369	W-103.603377

SIDEWALL SAMPLES

SW 1	N 32.353755	W-103.603294
SW 2	N 32.353705	W-103.603257
SW 3	N 32.353685	W-103.603275
SW 4	N 32.353638	W-103.603195
SW 5	N 32.353594	W-103.603141
SW 6	N 32.353547	W-103.603166
SW 7	N 32.353510	W-103.603167
SW 8	N 32.353460	W-103.603176
SW 9	N 32.353426	W-103.603169
SW 10	N 32.353409	W-103.603224
SW 11	N 32.353363	W-103.603206
SW 12	N 32.353329	W-103.603206
SW 13	N 32.353309	W-103.603233
SW 14	N 32.353312	W-103.603273
SW 15	N 32.353350	W-103.603250
SW 16	N 32.353402	W-103.603255
SW 17	N 32.353386	W-103.603294
SW 18	N 32.353444	W-103.603351
SW 19	N 32.353451	W-103.603410
SW 20	N 32.353451	W-103.603412
SW 21	N 32.353466	W-103.603464
SW 22	N 32.353493	W-103.603494
SW 23	N 32.353533	W-103.603485
SW 24	N 32.353561	W-103.603422
SW 25	N 32.353626	W-103.603430
SW 26	N 32.353686	W-103.603397
SW 27	N 32.353744	W-103.603398
SW 28	N 32.353791	W-103.603370

	Sample ID	BS 1 @ 4'	BS 2 @ 4'
Analyte	Date	9/16/22	9/16/22
		mg/kg	mg/kg
Benzene		<0.050	<0.050
Toluene		<0.050	<0.050
Ethylbenzene		<0.050	<0.050
Total Xylenes		<0.150	<0.150
Total BTEX		<0.300	<0.300
Chloride		32.0	32.0
GRO		<10.0	<10.0
DRO		<10.0	<10.0
EXT DRO		<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7	SW 8	SW 9	SW 10	SW 11	SW 12	SW 13	SW 14	SW 15	SW 16	SW 17	SW 18	
Analyte	Date	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22
		mg/kg																		
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	0.066	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		32.0	32.0	16.0	48.0	32.0	48.0	16.0	32.0	32.0	<16.0	32.0	16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 19	SW 20	SW 21	SW 22	SW 23	SW 24	SW 25	SW 26	SW 27	SW 28
Analyte	Date	9/16/22	9/16/22	9/16/22	9/16/22	9/16/22	8/5/22	9/16/22	9/16/22	9/16/22	9/16/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	0.066	<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
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150	<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
Chloride		<16.0	16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0	<16.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



OXY- RED TANK 31-5H (10/8/20)





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OXY- RED TANK 31-5H (10/8/20)





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

September 23, 2022

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

RE: RED TANK 31 - 5H

Enclosed are the results of analyses for samples received by the laboratory on 09/20/22 8:35.

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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 1 (H224332-01)

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	09/21/2022	ND	2.05	103	2.00	5.76	
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.7 % 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	32.0	16.0	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 83.1 % 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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 2 (H224332-02)

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	09/21/2022	ND	2.05	103	2.00	5.76		
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98		
Total BTEX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	32.0	16.0	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 70.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 74.0 % 46.3-178

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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 3 (H224332-03)

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	09/21/2022	ND	2.05	103	2.00	5.76	
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 78.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.2 % 46.3-178

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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 4 (H224332-04)

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	09/21/2022	ND	2.05	103	2.00	5.76	
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	48.0	16.0	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 74.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 76.8 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 5 (H224332-05)

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	09/21/2022	ND	2.05	103	2.00	5.76	
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.7 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 6 (H224332-06)

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	09/21/2022	ND	2.05	103	2.00	5.76	
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.8 % 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	48.0	16.0	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 79.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.4 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 7 (H224332-07)

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	09/21/2022	ND	2.05	103	2.00	5.76		
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98		
Total BTEX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.4 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 80.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.7 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 8 (H224332-08)

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	09/21/2022	ND	2.05	103	2.00	5.76		
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98		
Total BTEX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.0 % 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	32.0	16.0	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 80.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.3 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 9 (H224332-09)

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	09/21/2022	ND	2.05	103	2.00	5.76	
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	32.0	16.0	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 73.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 77.3 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 10 (H224332-10)

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	09/21/2022	ND	2.05	103	2.00	5.76		
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98		
Total BTEX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 79.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.5 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 11 (H224332-11)

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	09/21/2022	ND	2.05	103	2.00	5.76	
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 73.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.0 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 12 (H224332-12)

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	09/21/2022	ND	2.05	103	2.00	5.76	
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.1 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 77.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 81.3 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 13 (H224332-13)

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	09/21/2022	ND	2.05	103	2.00	5.76	
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 80.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.3 % 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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 14 (H224332-14)

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	09/21/2022	ND	2.05	103	2.00	5.76	
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.6 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 78.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.0 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 15 (H224332-15)

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	09/21/2022	ND	2.05	103	2.00	5.76		
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98		
Total BTEX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.8 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 88.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.8 % 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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 16 (H224332-16)

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	09/21/2022	ND	2.05	103	2.00	5.76		
Toluene*	<0.050	0.050	09/21/2022	ND	2.02	101	2.00	5.53		
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.96	98.2	2.00	6.35		
Total Xylenes*	<0.150	0.150	09/21/2022	ND	6.06	101	6.00	6.98		
Total BTEX	<0.300	0.300	09/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 86.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.2 % 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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 17 (H224332-17)

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	09/22/2022	ND	2.05	103	2.00	5.76		
Toluene*	<0.050	0.050	09/22/2022	ND	2.02	101	2.00	5.53		
Ethylbenzene*	<0.050	0.050	09/22/2022	ND	1.96	98.2	2.00	6.35		
Total Xylenes*	<0.150	0.150	09/22/2022	ND	6.06	101	6.00	6.98		
Total BTEX	<0.300	0.300	09/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 75.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 78.1 % 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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 18 (H224332-18)

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	09/20/2022	ND	1.83	91.4	2.00	5.35		
Toluene*	<0.050	0.050	09/20/2022	ND	1.78	89.1	2.00	5.35		
Ethylbenzene*	<0.050	0.050	09/20/2022	ND	1.74	87.1	2.00	4.41		
Total Xylenes*	<0.150	0.150	09/20/2022	ND	5.40	90.0	6.00	4.46		
Total BTEX	<0.300	0.300	09/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	188	94.2	200	2.84		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	198	99.1	200	1.03		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 81.9 % 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:

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

Received:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 19 (H224332-19)

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	09/20/2022	ND	1.83	91.4	2.00	5.35		
Toluene*	<0.050	0.050	09/20/2022	ND	1.78	89.1	2.00	5.35		
Ethylbenzene*	<0.050	0.050	09/20/2022	ND	1.74	87.1	2.00	4.41		
Total Xylenes*	<0.150	0.150	09/20/2022	ND	5.40	90.0	6.00	4.46		
Total BTEX	<0.300	0.300	09/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	176	88.1	200	1.91		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 91.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 20 (H224332-20)

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	09/20/2022	ND	1.83	91.4	2.00	5.35	
Toluene*	<0.050	0.050	09/20/2022	ND	1.78	89.1	2.00	5.35	
Ethylbenzene*	<0.050	0.050	09/20/2022	ND	1.74	87.1	2.00	4.41	
Total Xylenes*	<0.150	0.150	09/20/2022	ND	5.40	90.0	6.00	4.46	
Total BTEX	<0.300	0.300	09/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	176	88.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 21 (H224332-21)

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	09/20/2022	ND	1.83	91.4	2.00	5.35		
Toluene*	<0.050	0.050	09/20/2022	ND	1.78	89.1	2.00	5.35		
Ethylbenzene*	<0.050	0.050	09/20/2022	ND	1.74	87.1	2.00	4.41		
Total Xylenes*	<0.150	0.150	09/20/2022	ND	5.40	90.0	6.00	4.46		
Total BTEX	<0.300	0.300	09/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.6 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	176	88.1	200	1.91		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 83.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 22 (H224332-22)

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	09/20/2022	ND	1.83	91.4	2.00	5.35	
Toluene*	<0.050	0.050	09/20/2022	ND	1.78	89.1	2.00	5.35	
Ethylbenzene*	<0.050	0.050	09/20/2022	ND	1.74	87.1	2.00	4.41	
Total Xylenes*	<0.150	0.150	09/20/2022	ND	5.40	90.0	6.00	4.46	
Total BTEX	<0.300	0.300	09/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	176	88.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 23 (H224332-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2022	ND	1.83	91.4	2.00	5.35	
Toluene*	<0.050	0.050	09/20/2022	ND	1.78	89.1	2.00	5.35	
Ethylbenzene*	<0.050	0.050	09/20/2022	ND	1.74	87.1	2.00	4.41	
Total Xylenes*	<0.150	0.150	09/20/2022	ND	5.40	90.0	6.00	4.46	
Total BTEX	<0.300	0.300	09/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.0 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	176	88.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 81.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.1 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 24 (H224332-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/20/2022	ND	1.83	91.4	2.00	5.35		
Toluene*	<0.050	0.050	09/20/2022	ND	1.78	89.1	2.00	5.35		
Ethylbenzene*	<0.050	0.050	09/20/2022	ND	1.74	87.1	2.00	4.41		
Total Xylenes*	<0.150	0.150	09/20/2022	ND	5.40	90.0	6.00	4.46		
Total BTEX	<0.300	0.300	09/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.4 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	176	88.1	200	1.91		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 81.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 25 (H224332-25)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/20/2022	ND	1.83	91.4	2.00	5.35	
Toluene*	<0.050	0.050	09/20/2022	ND	1.78	89.1	2.00	5.35	
Ethylbenzene*	<0.050	0.050	09/20/2022	ND	1.74	87.1	2.00	4.41	
Total Xylenes*	<0.150	0.150	09/20/2022	ND	5.40	90.0	6.00	4.46	
Total BTEX	<0.300	0.300	09/20/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.3 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	176	88.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 80.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.5 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 26 (H224332-26)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	09/20/2022	ND	1.83	91.4	2.00	5.35		
Toluene*	<0.050	0.050	09/20/2022	ND	1.78	89.1	2.00	5.35		
Ethylbenzene*	<0.050	0.050	09/20/2022	ND	1.74	87.1	2.00	4.41		
Total Xylenes*	<0.150	0.150	09/20/2022	ND	5.40	90.0	6.00	4.46		
Total BTEX	<0.300	0.300	09/20/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	09/21/2022	ND	416	104	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	09/20/2022	ND	176	88.1	200	1.91		
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41		
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND						

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.2 % 46.3-178

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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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 27 (H224332-27)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.5	2.00	8.12	
Toluene*	<0.050	0.050	09/21/2022	ND	1.92	95.8	2.00	7.54	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.0	2.00	7.63	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.73	95.4	6.00	7.52	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.2 % 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	09/21/2022	ND	400	100	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	09/20/2022	ND	176	88.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: SIDEWALL 28 (H224332-28)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.5	2.00	8.12	
Toluene*	<0.050	0.050	09/21/2022	ND	1.92	95.8	2.00	7.54	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.0	2.00	7.63	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.73	95.4	6.00	7.52	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	09/21/2022	ND	400	100	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	09/20/2022	ND	176	88.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 82.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.7 % 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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: BOTTOM 1 @ 4' (H224332-29)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.5	2.00	8.12	
Toluene*	<0.050	0.050	09/21/2022	ND	1.92	95.8	2.00	7.54	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.0	2.00	7.63	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.73	95.4	6.00	7.52	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 96.5 % 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	20400	16.0	09/21/2022	ND	400	100	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	09/20/2022	ND	176	88.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 86.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:	09/20/2022	Sampling Date:	09/16/2022
Reported:	09/23/2022	Sampling Type:	Soil
Project Name:	RED TANK 31 - 5H	Sampling Condition:	Cool & Intact
Project Number:	NONE GIVEN	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - LEA COUNTY NM		

Sample ID: BOTTOM 2 @ 4' (H224332-30)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	09/21/2022	ND	1.95	97.5	2.00	8.12	
Toluene*	<0.050	0.050	09/21/2022	ND	1.92	95.8	2.00	7.54	
Ethylbenzene*	<0.050	0.050	09/21/2022	ND	1.86	93.0	2.00	7.63	
Total Xylenes*	<0.150	0.150	09/21/2022	ND	5.73	95.4	6.00	7.52	
Total BTEX	<0.300	0.300	09/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	21800	16.0	09/21/2022	ND	400	100	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	09/20/2022	ND	176	88.1	200	1.91	
DRO >C10-C28*	<10.0	10.0	09/20/2022	ND	187	93.6	200	1.41	
EXT DRO >C28-C36	<10.0	10.0	09/20/2022	ND					

Surrogate: 1-Chlorooctane 83.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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

BILL TO

ANALYSIS REQUEST

Company Name: **BBC International, Inc.** P.O. #: _____
 Project Manager: **Cliff Brunson** Company: _____
 Address: **P.O. Box 805** Attn: _____
 City: **Hobbs** State: **NM** Zip: **88241**
 Phone #: **575-397-6388** Fax #: **575-397-0397** Address: _____
 Project #: _____ Project Owner: **Oxy** City: _____
 Project Name: **RED TANK 31-5H** State: _____ Zip: _____
 Project Location: _____ Phone #: _____
 Sampler Name: **Roger Hernandez** Fax #: _____
 FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX					PRESERV.	SAMPLING	DATE	TIME	TPH EXT	BTEX	CL-
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE							
H001B32	SIDEWALK	G	1							9/16/22	1100				
	SIDEWALK	G	1							9/16/22	1105				
	SIDEWALK	G	1							9/16/22	1110				
	SIDEWALK	G	1							9/16/22	1115				
	SIDEWALK	G	1							9/16/22	1120				
	SIDEWALK	G	1							9/16/22	1125				
	SIDEWALK	G	1							9/16/22	1130				
	SIDEWALK	G	1							9/16/22	1135				
	SIDEWALK	G	1							9/16/22	1140				
	SIDEWALK	G	1							9/16/22	1145				

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Relinquished By: **Roger Hernandez** Date: **9/16/22** Received By: **Shodiqun**
 Time: **5:00**
 Relinquished By: _____ Date: _____ Received By: _____
 Time: _____

Delivered By: (Circle One) UPS Bus Other: **8412013** Sample Condition: Cool Intact Yes No Yes No No
 CHECKED BY: **SR** (Initials)

Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: _____

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

Company Name: BBC International, Inc.		P.O. #:	
Project Manager: Cliff Brunson		Company: OXY	
Address: P.O. Box 805		Attn: WADE	
City: Hobbs		Address:	
State: NM Zip: 88241		City:	
Phone #: 575-397-6388		State:	
Fax #: 575-397-0397		Zip:	
Project #: Project Owner: Oxy		Phone #:	
Project Name: RED TANK 31-5H		Fax #:	
Project Location:		PRESERV	
Sampler Name: ROGER HERNANDEZ		SAMPLING	
FOR LAB USE ONLY			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	DATE
H091330		# CONTAINERS	TIME
		GROUNDWATER	CL
		WASTEWATER	BTEX
		SOIL	TPH EXT
		OIL	
		SLUDGE	
		OTHER :	
		ACID/BASE:	
		ICE / COOL	
		OTHER :	
11	SIDEWALL	G	9/16/22
12	SIDEWALL	G	11/50
13	SIDEWALL	G	11/55
14	SIDEWALL	G	12/00
15	SIDEWALL	G	12/05
16	SIDEWALL	G	12/10
17	SIDEWALL	G	12/15
18	SIDEWALL	G	12/20
19	SIDEWALL	G	12/25
20	SIDEWALL	G	12/30
	SIDEWALL	G	12/35

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Relinquished By: _____ Date: _____
 Relinquished By: _____ Date: _____
 Received By: **Stedinger** Date: **9/20/22**
 Received By: _____ Date: _____
 Time: _____
 Delivered By: (Circle One) **Hand**
 Sample Condition: Cool Intact
 Yes No

CHECKED BY: _____ (Initials)
 Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #: _____
 Add'l Fax #: _____
 REMARKS:

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 -8.41 C-O-02
 -9.02 #113



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #:

State: NM Zip: 88241
 Fax #: 575-397-0397
 Project Owner:
 Project Name: Bed Tank 315H
 Project Location: New Mexico

P.O. #: _____
 Company: Oxy
 Attn: _____
 Address: _____
 City: _____
 State: _____ Zip: _____
 Phone #: _____
 Fax #: _____

Sampler Name: *Page 1 of 1*
 FOR LAB USE ONLY

Matrix: GROUNDWATER
 WASTEWATER
 SOIL
 OIL
 SLUDGE
 OTHER : _____

DATE TIME
 01/16/22 12:40
 01/16/22 12:45
 01/16/22 12:50
 01/16/22 12:55
 01/16/22 1:00
 01/16/22 1:05
 01/16/22 1:10
 01/16/22 1:15
 01/16/22 1:20
 01/16/22 1:25

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	TPH EXT	BTEX	CL
<i>H024332</i>											
<i>21</i>	<i>Sidewalk</i>	<i>G</i>	<i>1</i>	<i>V</i>			<i>01/16/22</i>	<i>12:40</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>22</i>	<i>Sidewalk</i>	<i>G</i>	<i>1</i>	<i>V</i>			<i>01/16/22</i>	<i>12:45</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>23</i>	<i>Sidewalk</i>	<i>G</i>	<i>1</i>	<i>V</i>			<i>01/16/22</i>	<i>12:50</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>24</i>	<i>Sidewalk</i>	<i>G</i>	<i>1</i>	<i>V</i>			<i>01/16/22</i>	<i>12:55</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>25</i>	<i>Sidewalk</i>	<i>G</i>	<i>1</i>	<i>V</i>			<i>01/16/22</i>	<i>1:00</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>26</i>	<i>Sidewalk</i>	<i>G</i>	<i>1</i>	<i>V</i>			<i>01/16/22</i>	<i>1:05</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>27</i>	<i>Sidewalk</i>	<i>G</i>	<i>1</i>	<i>V</i>			<i>01/16/22</i>	<i>1:10</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>28</i>	<i>Sidewalk</i>	<i>G</i>	<i>1</i>	<i>V</i>			<i>01/16/22</i>	<i>1:15</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>29</i>	<i>Bottom</i>	<i>G</i>	<i>1</i>	<i>V</i>			<i>01/16/22</i>	<i>1:20</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>
<i>30</i>	<i>Bottom</i>	<i>G</i>	<i>1</i>	<i>V</i>			<i>01/16/22</i>	<i>1:25</i>	<i>✓</i>	<i>✓</i>	<i>✓</i>

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Relinquished By: *[Signature]* Date: *1-16-22* Time: *8:35*
 Received By: *[Signature]* Date: _____ Time: _____
 Delivered By: (Circle One) *UPS* Sample Condition: Cool Impact Yes No
 Checked By: *[Signature]* (Initials)
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS:

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8:42 PM 1/16/22
-9:02 #113

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 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 161051

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 161051
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	1/3/2023