

Closure Report

ID# nMLB1112327166

Site Description

Site Name:	SUNDANCE FED CTB
Company:	Oxy USA, Inc.
Legal Description:	U/L E , S 4 , TS 24S , R31E
County:	EDDY
GPS Coordinates:	32.24791, -103.79064

Release Data

Date of Release:	4/6/2011
Type of Release:	PRODUCE WATER
Source of Release:	TRANSFER PUMP SHAFT SEPARATED
Volume of Release:	400 BBLs
Volume Recovered:	395 BBLs

Remediation Specifications

Remediation Parameters:	This site is listed on the Agreed Compliance Order of 4/5/19. This site had previously been remediated but no paperwork existed for verification therefore, OXY performed confirmation sampling to verify remediation limits had been met. The enclosed site diagram depicts the spill area, excavation depths, and the confirmation sample points. OXY collected sidewall and bottom confirmation samples every 200 square feet .	
Remediation Activities:		
Plan Sent to OCD:		
OCD Approval of Plan:		
Plan Sent to BLM:		
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	Closure photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report	
Notifications	9/23/2022	

Request for Closure

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

Cliff P. Brunson
President, BBC International, Inc.

11/9/2022

Form C-141

State of New Mexico
Oil Conservation Division

Page 6

Incident ID	nmlb1112327166
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:  Date: 10-26-22
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: OCD Date: 11/10/2022

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: 2/22/2023
Printed Name: Ashley Maxwell Title: Environmental Specialist

From: [Nobui, Jennifer, EMNRD](#)
To: kathys@bbcinternational.com; [Cliff Brunson](#)
Cc: [Bratcher, Michael, EMNRD](#); [Hamlet, Robert, EMNRD](#); [Harimon, Jocelyn, EMNRD](#)
Subject: FW: [EXTERNAL] This is a notification that BBC will conduct
Date: Friday, September 23, 2022 10:27:12 AM

Kathy

Thank you for the notification. Please include a copy of this and all notifications in the remedial and/or closure reports to ensure the notifications are documented in the project file.

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Friday, September 23, 2022 9:58 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Velez, Nelson, EMNRD <Nelson.Velez@emnrd.nm.gov>
Subject: Fw: [EXTERNAL] This is a notification that BBC will conduct

From: kathys@bbcinternational.com <kathys@bbcinternational.com>
Sent: Friday, September 23, 2022 9:56 AM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: 'Cliff Brunson' <cbrunson@bbcinternational.com>; kswinney@bbcinternational.com <kswinney@bbcinternational.com>; Wade_Dittrich@oxy.com <Wade_Dittrich@oxy.com>; 'Pierce, Tyson (Legacy Safety & Consulting LLC)' <Tyson_Pierce@oxy.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com>
Subject: [EXTERNAL] This is a notification that BBC will conduct

CAUTION: This email originated outside of our organization. Exercise caution prior to clicking on links or opening attachments.

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Sundance Fed CTB (NMLB112327166) on Tuesday, September 27, 2022 at 9:00 am

From: kathys@bbcinternational.com
To: ["Enviro, OCD, EMNRD"](#)
Cc: ["Cliff Brunson"](#); ["kswinney@bbcinternational.com"](mailto:kswinney@bbcinternational.com); ["Wade_Dittrich@oxy.com"](mailto:Wade_Dittrich@oxy.com); ["Pierce, Tyson \(Legacy Safety & Consulting LLC\)"](#); ["Jennifer Gilkey"](#)
Subject: This is a notification that BBC will conduct
Date: Friday, September 23, 2022 9:56:00 AM

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Sundance Fed CTB (NMLB112327166) on Tuesday, September 27 ,2022 at 9:00 am





OXY -SUNDANCE FED CTB

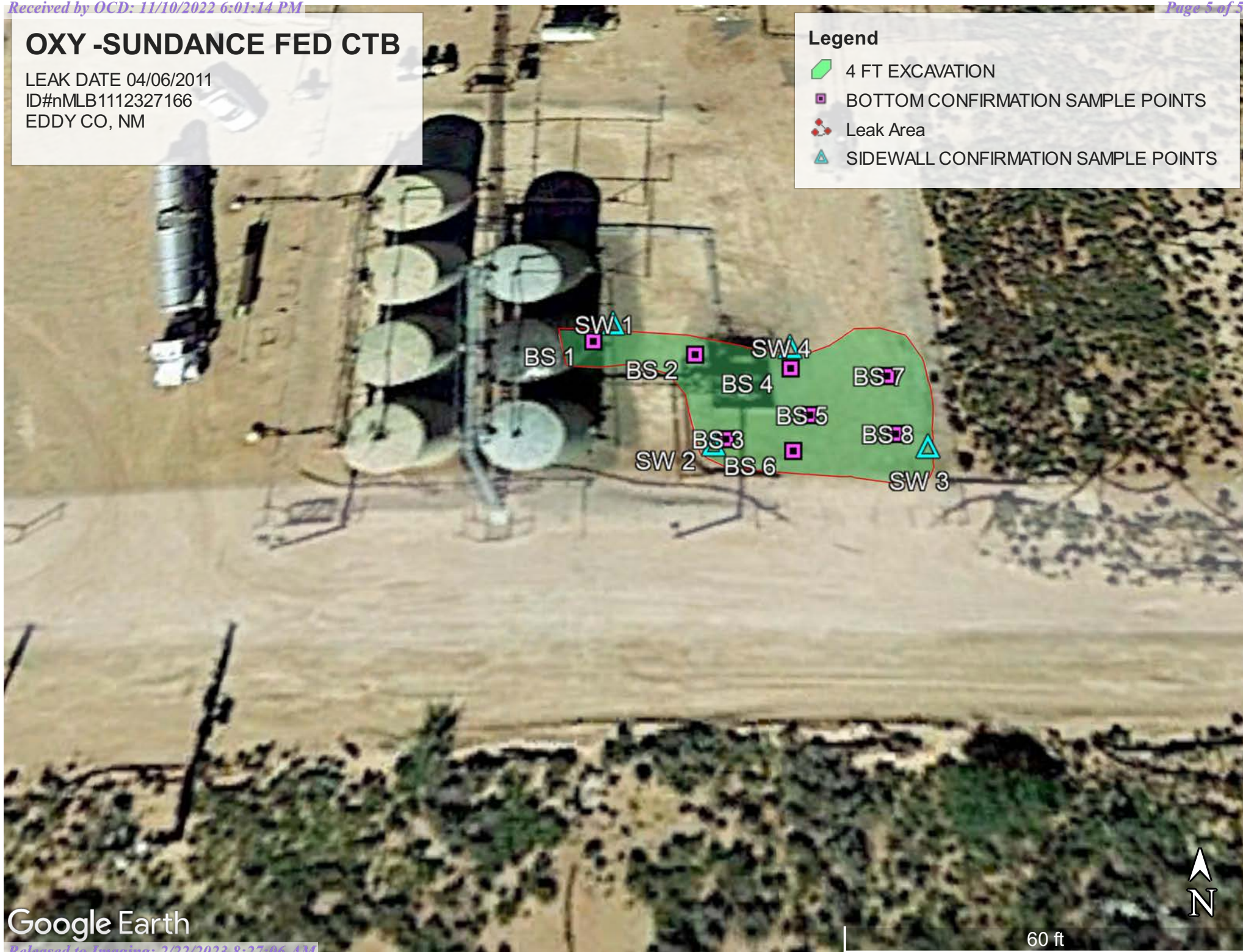
LEAK DATE 04/06/2011

ID#nMLB1112327166

EDDY CO, NM

Legend

-  4 FT EXCAVATION
-  BOTTOM CONFIRMATION SAMPLE POINTS
-  Leak Area
-  SIDEWALL CONFIRMATION SAMPLE POINTS



OXY-SUNDANCE FED CTB (4/6/11 SAMPLE DATE 9/29/22

BOTTOM SAMPLES

BS 1@ 1',2',3',4'	N 32.24792	-103.79067
BS 2@1',2',3', 4'	N 32.24791	-103.79064
BS 3@1',2',3',4'	N 32.24787	-103.79064
BS 4@ 1',2',3',4'	N 32.24792	-103.79058
BS 5@ 1',2',3',4'	N 32.24789	-103.79055
BS 6@ 1',2',3',4'	N 32.24785	-103.79055
BS 7@1',2',3',4'	N 32.24794	-103.79051
BS 8@1',2',3',4'	N32.24785	-103.79050

SIDEWALL SAMPLES

SW 1	N 32.24791	-103.79069
SW 2	N 32.24795	-103.79065
SW 3	N 32.24787	-103.79048
SW 4	N 32.24794	-103.79059

	Sample ID	BS 1 @ 1'	BS 1@2'	BS 1@3'	BS 1@4'	BS 2@1'	BS 2@2'	BS 2@3'	BS 2@4'	BS 3@1'	BS 3@2'	BS 3@3'	BS 3@4'	BS 4@1'	BS 4@2'	BS 4@3'	BS 4@4'	BS 5@1'
Analyte	Date	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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		<16.0	<16.0	<16.0	<16.0	32.0	32.0	<16.0	<16.0	48.0	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
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
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

	Sample ID	BS 5@2'	BS 5@3'	BS 5@4'	BS 6@1'	BS 6@2'	BS 6@3'	BS 6@4'	BS 7@1'	BS 7@2'	BS 7@3'	BS 7@4'	BS 8@1'	BS 8@2'	BS 8@3'	BS 8@4'
Analyte	Date	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22	9/29/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	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
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
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
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
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
Chloride		16.0	16.0	32.0	32.0	32.0	16.0	16.0	16.0	16.0	16.0	16.0	<16.0	<16.0	32.0	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
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
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

	Sample ID	SW 1	SW 2	SW 3	SW 4
Analyte	Date	9/29/22	9/29/22	9/29/22	9/29/22
		mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	0.066
Ethylbenzene		<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.0150	<0.0150
Total BTEX		<0.300	<0.300	<0.300	<0.300
Chloride		16.0	<16.0	32.0	16.0
GRO		<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0



OXY – SUNDANCE FED CTB (4/6/2011)





OXY – SUNDANCE FED CTB (4/6/2011)





OXY – SUNDANCE FED CTB (4/6/2011)





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

October 12, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SUNDANCE FED CTB

Enclosed are the results of analyses for samples received by the laboratory on 10/07/22 15:19.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style with a large, stylized 'C' and 'K'.

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/07/2022	Sampling Date:	09/29/2022
Reported:	10/12/2022	Sampling Type:	Soil
Project Name:	SUNDANCE FED CTB	Sampling Condition:	Cool & Intact
Project Number:	(4/6/11)	Sample Received By:	Shalyn Rodriguez
Project Location:	OXY - EDDY CO NM		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H224729-01)

BTEX 8021B			mg/kg		Analyzed By: JH				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	1.24	
Toluene*	<0.050	0.050	10/12/2022	ND	2.23	112	2.00	0.365	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	1.76	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.23	104	6.00	1.22	
Total BTEX	<0.300	0.300	10/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08	

TPH 8015M			mg/kg		Analyzed By: MS				
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	196	98.0	200	0.0607	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	185	92.3	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 1 @ 2' (H224729-02)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	1.24	
Toluene*	<0.050	0.050	10/12/2022	ND	2.23	112	2.00	0.365	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	1.76	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.23	104	6.00	1.22	
Total BTEx	<0.300	0.300	10/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 102 % 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	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	196	98.0	200	0.0607	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	185	92.3	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 79.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.9 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.

Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 1 @ 3' (H224729-03)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	1.24		
Toluene*	<0.050	0.050	10/12/2022	ND	2.23	112	2.00	0.365		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	1.76		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.23	104	6.00	1.22		
Total BTEx	<0.300	0.300	10/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	196	98.0	200	0.0607	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	185	92.3	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 1 @ 4' (H224729-04)

BTEx 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	1.24	
Toluene*	<0.050	0.050	10/12/2022	ND	2.23	112	2.00	0.365	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	1.76	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.23	104	6.00	1.22	
Total BTEx	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	196	98.0	200	0.0607	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	185	92.3	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 81.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.6 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 2 @ 1' (H224729-05)

BTEx 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	1.24		
Toluene*	<0.050	0.050	10/12/2022	ND	2.23	112	2.00	0.365		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.08	104	2.00	1.76		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.23	104	6.00	1.22		
Total BTEx	<0.300	0.300	10/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	196	98.0	200	0.0607	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	185	92.3	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 79.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.8 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 2 @ 2' (H224729-06)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/11/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.01	100	6.00	2.74	
Total BTX	<0.300	0.300	10/11/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/11/2022	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	196	98.0	200	0.0607	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	185	92.3	200	1.76	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 65.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 73.5 % 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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 Fax To: (575) 397-0397

Received: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 2 @ 3' (H224729-07)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	3.38		
Toluene*	<0.050	0.050	10/11/2022	ND	2.01	100	2.00	4.09		
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.97	98.5	2.00	3.38		
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.01	100	6.00	2.74		
Total BTEx	<0.300	0.300	10/11/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 2 @ 4' (H224729-08)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/11/2022	ND	2.03	101	2.00	3.38		
Toluene*	<0.050	0.050	10/11/2022	ND	2.01	100	2.00	4.09		
Ethylbenzene*	<0.050	0.050	10/11/2022	ND	1.97	98.5	2.00	3.38		
Total Xylenes*	<0.150	0.150	10/11/2022	ND	6.01	100	6.00	2.74		
Total BTX	<0.300	0.300	10/11/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 78.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 82.0 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 3 @ 1' (H224729-09)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTEx	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/11/2022	ND	384	96.0	400	4.08	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 3 @ 2' (H224729-10)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTEx	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 99.8 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 3 @ 3' (H224729-11)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTX	<0.300	0.300	10/12/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 97.3 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 3 @ 4' (H224729-12)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTX	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 92.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.6 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 4 @ 1' (H224729-13)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTX	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 4 @ 2' (H224729-14)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTEx	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 93.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.6 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 4 @ 3' (H224729-15)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTEx	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 97.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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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 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 4 @ 4' (H224729-16)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTX	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	ND	384	96.0	400	4.08		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

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 Cliff Brunson
 P.O. Box 805
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 Fax To: (575) 397-0397

Received: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 5 @ 1' (H224729-17)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTX	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.4 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 5 @ 2' (H224729-18)

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	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTEx	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 5 @ 3' (H224729-19)

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	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTEx	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.9 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 5 @ 4' (H224729-20)

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	10/12/2022	ND	2.03	101	2.00	3.38		
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74		
Total BTEx	<0.300	0.300	10/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	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	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.0 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 6 @ 1' (H224729-21)

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	10/12/2022	ND	2.03	101	2.00	3.38		
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74		
Total BTEx	<0.300	0.300	10/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	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	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.5 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 6 @ 2' (H224729-22)

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	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTEX	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	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	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.9 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 6 @ 3' (H224729-23)

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	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTEx	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	207	103	200	1.96	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	217	108	200	8.12	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.1 % 46.3-178

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Analytical Results For:

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

Received: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 6 @ 4' (H224729-24)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.03	101	2.00	3.38	
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74	
Total BTX	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	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	10/12/2022	ND	215	107	200	2.20	
DRO >C10-C28*	<10.0	10.0	10/12/2022	ND	226	113	200	0.407	
EXT DRO >C28-C36	<10.0	10.0	10/12/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 7 @ 1' (H224729-25)

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	10/12/2022	ND	2.03	101	2.00	3.38		
Toluene*	<0.050	0.050	10/12/2022	ND	2.01	100	2.00	4.09		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	1.97	98.5	2.00	3.38		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.01	100	6.00	2.74		
Total BTEx	<0.300	0.300	10/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 86.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.3 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 7 @ 2' (H224729-26)

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	10/12/2022	ND	2.05	102	2.00	3.78		
Toluene*	<0.050	0.050	10/12/2022	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.00	99.8	2.00	3.98		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.11	102	6.00	4.56		
Total BTEx	<0.300	0.300	10/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 7 @ 3' (H224729-27)

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	10/12/2022	ND	2.05	102	2.00	3.78		
Toluene*	<0.050	0.050	10/12/2022	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.00	99.8	2.00	3.98		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.11	102	6.00	4.56		
Total BTEx	<0.300	0.300	10/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 93.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 7 @ 4' (H224729-28)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	2.05	102	2.00	3.78		
Toluene*	<0.050	0.050	10/12/2022	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.00	99.8	2.00	3.98		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.11	102	6.00	4.56		
Total BTX	<0.300	0.300	10/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 95.3 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 8 @ 1' (H224729-29)

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	10/12/2022	ND	2.05	102	2.00	3.78		
Toluene*	<0.050	0.050	10/12/2022	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.00	99.8	2.00	3.98		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.11	102	6.00	4.56		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 104 % 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	16.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 8 @ 2' (H224729-30)

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	10/12/2022	ND	2.05	102	2.00	3.78		
Toluene*	<0.050	0.050	10/12/2022	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.00	99.8	2.00	3.98		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.11	102	6.00	4.56		
Total BTEx	<0.300	0.300	10/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 8 @ 3' (H224729-31)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	2.05	102	2.00	3.78		
Toluene*	<0.050	0.050	10/12/2022	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.00	99.8	2.00	3.98		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.11	102	6.00	4.56		
Total BTX	<0.300	0.300	10/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 97.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: BOTTOM SAMPLE 8 @ 4' (H224729-32)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	2.05	102	2.00	3.78		
Toluene*	<0.050	0.050	10/12/2022	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.00	99.8	2.00	3.98		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.11	102	6.00	4.56		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	16.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 1 (H224729-33)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	2.05	102	2.00	3.78		
Toluene*	<0.050	0.050	10/12/2022	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.00	99.8	2.00	3.98		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.11	102	6.00	4.56		
Total BTEx	<0.300	0.300	10/12/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 116 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 2 (H224729-34)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.05	102	2.00	3.78	
Toluene*	<0.050	0.050	10/12/2022	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.00	99.8	2.00	3.98	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.11	102	6.00	4.56	
Total BTEx	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 3 (H224729-35)

BTEx 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/12/2022	ND	2.05	102	2.00	3.78	
Toluene*	<0.050	0.050	10/12/2022	ND	2.04	102	2.00	4.00	
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.00	99.8	2.00	3.98	
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.11	102	6.00	4.56	
Total BTEx	<0.300	0.300	10/12/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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: 10/07/2022
 Reported: 10/12/2022
 Project Name: SUNDANCE FED CTB
 Project Number: (4/6/11)
 Project Location: OXY - EDDY CO NM

Sampling Date: 09/29/2022
 Sampling Type: Soil
 Sampling Condition: Cool & Intact
 Sample Received By: Shalyn Rodriguez

Sample ID: SIDEWALL 4 (H224729-36)

BTEx 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/12/2022	ND	2.05	102	2.00	3.78		
Toluene*	<0.050	0.050	10/12/2022	ND	2.04	102	2.00	4.00		
Ethylbenzene*	<0.050	0.050	10/12/2022	ND	2.00	99.8	2.00	3.98		
Total Xylenes*	<0.150	0.150	10/12/2022	ND	6.11	102	6.00	4.56		
Total BTEx	<0.300	0.300	10/12/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 103 % 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	16.0	16.0	10/11/2022	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	10/11/2022	ND	198	99.0	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/11/2022	ND	190	95.0	200	0.0153	
EXT DRO >C28-C36	<10.0	10.0	10/11/2022	ND					

Surrogate: 1-Chlorooctane 90.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 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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A handwritten signature in black ink, appearing to read "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.				BILL TO				ANALYSIS REQUEST			
Project Manager: Cliff Brunson				P.O. #:							
Address: P.O. Box 805				Company: Oxy							
City: Hobbs				Attn:							
Phone #: 575-397-6388				Address:							
Fax #: 575-397-0397				City:							
Project #:				State:				Zip:			
Project Name: SUNDANCE FED CTB (4/6/11)				Phone #:							
Project Location: New Mexico				Fax #:							
Sampler Name: SIMON											
<small>FOR LAB USE ONLY</small>											
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV	
								GROUNDWATER		SAMPLING	
								WASTEWATER			
								SOIL			
								OIL			
								SLUDGE			
								OTHER :			
								ACID/BASE:			
								ICE / COOL			
								OTHER :			
								DATE		TIME	
1		BOTTOM SAMPLE 1 @ 1'		9/29/22		8:40AM		✓		Chloride	
2		BATTOM SAMPLE 1 @ 2'		9/29/22		8:48AM		✓		BT EX	
3		BOTTOM SAMPLE 1 @ 3'		9/29/22		8:57AM		✓		TPH EXT	
4		BOTTOM SAMPLE 1 @ 4'		9/29/22		9:07AM		✓			
5		BOTTOM SAMPLE 2 @ 1'		9/29/22		9:14AM		✓			
6		BOTTOM SAMPLE 2 @ 2'		9/29/22		9:21AM		✓			
7		BOTTOM SAMPLE 2 @ 3'		9/29/22		9:30AM		✓			
8		BOTTOM SAMPLE 2 @ 4'		9/29/22		9:39AM		✓			
9		BOTTOM SAMPLE 3 @ 1'		9/29/22		9:51AM		✓			
10		BOTTOM SAMPLE 3 @ 2'		9/29/22		10:02AM		✓			
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising out of or related to the performance of services rendered by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise, shall be limited to the amount paid by the client for the service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of data, or loss of profits incurred by client, its subsidiaries, affiliates or subcontractors arising out of or related to the performance of services rendered by Cardinal.</small>											
Relinquished By:				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
Date:				Date:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			
Time:				Time:				REMARKS:			
Delivered By: (Circle One) -8.33 C.O.U.				Sample Condition: <input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact				CHECKED BY: (Initials)			
Sampler - UPS - Bus - Other: -8.91 #113				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>							

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

**CARDINAL LABORATORIES**
 101 East Marland, Hobbs, NM 88240
 (505) 393-2326 FAX (505) 393-2476
CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company: Oxy		Attn:			
Address: P.O. Box 805		State: NM		Zip: 88241			
City: Hobbs		Phone #: 575-397-6388		Fax #: 575-397-0397			
Project #:		Project Owner: Oxy		City:			
Project Name: SUNDANCE FED CTB (4/6/11)		State:		Zip:			
Project Location: New Mexico		Phone #:		Fax #:			
Sampler Name: SIMON		FOR LAB USE ONLY		PRESERV:		SAMPLING	
Lab I.D.		Sample I.D.		DATE		TIME	
11		11		9/29/22		10:12AM	
13		13		9/29/22		10:19AM	
14		14		9/29/22		10:31AM	
15		15		9/29/22		10:42AM	
16		16		9/29/22		10:50AM	
17		17		9/29/22		11:00AM	
18		18		9/29/22		11:12AM	
19		19		9/29/22		11:19AM	
20		20		9/29/22		11:27AM	
BOTTOM SAMPLE 3 @ 3'		BOTTOM SAMPLE 3 @ 3'		9/29/22		11:38AM	
BOTTOM SAMPLE 3 @ 4'		BOTTOM SAMPLE 3 @ 4'		9/29/22			
BOTTOM SAMPLE 4 @ 1'		BOTTOM SAMPLE 4 @ 1'		9/29/22			
BOTTOM SAMPLE 4 @ 2'		BOTTOM SAMPLE 4 @ 2'		9/29/22			
BOTTOM SAMPLE 4 @ 3'		BOTTOM SAMPLE 4 @ 3'		9/29/22			
BOTTOM SAMPLE 4 @ 4'		BOTTOM SAMPLE 4 @ 4'		9/29/22			
BOTTOM SAMPLE 5 @ 1'		BOTTOM SAMPLE 5 @ 1'		9/29/22			
BOTTOM SAMPLE 5 @ 2'		BOTTOM SAMPLE 5 @ 2'		9/29/22			
BOTTOM SAMPLE 5 @ 3'		BOTTOM SAMPLE 5 @ 3'		9/29/22			
BOTTOM SAMPLE 5 @ 4'		BOTTOM SAMPLE 5 @ 4'		9/29/22			

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

Relinquished By:	Date: 10-1-22	Received By:	Date: 10-1-22
Relinquished By:	Time: 1519	Received By:	Time: 1519
Delivered By: (Circle One) -8.30/10.00	Sample Condition	CHECKED BY: (Initials)	
Sampler - UPS - Bus - Other: -8.92 #113	Cool <input type="checkbox"/> Intact <input type="checkbox"/>		
	Yes <input type="checkbox"/> No <input type="checkbox"/>		
	Yes <input type="checkbox"/> No <input type="checkbox"/>		

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST									
Project Manager: Cliff Brunson		P.O. #:											
Address: P.O. Box 805		Company: Oxy											
City: Hobbs		Attn:											
State: NM		Address:											
Phone #: 575-397-6388		City:											
Fax #: 575-397-0397		State:											
Project #:		Zip:											
Project Name: SUNDANCE FED CTB (4/6/11)													
Project Location: New Mexico													
Sampler Name: SIMON		Fax #:											
FOR LAB USE ONLY		PRESERV		SAMPLING									
Lab I.D.		Sample I.D.											
		(G)RAB OR (C)OMP.											
		# CONTAINERS											
		GROUNDWATER											
		WASTEWATER											
		SOIL											
		OIL											
		SLUDGE											
		OTHER :											
		ACID/BASE:											
		ICE / COOL											
		OTHER :											
		DATE		TIME									
BOTTOM SAMPLE 6 @ 1'		9/29/22		11:50AM		Chloride							
BOTTOM SAMPLE 6 @ 2'		9/29/22		11:58AM		BTEX							
BOTTOM SAMPLE 6 @ 3'		9/29/22		12:45PM		TPH EXT							
BOTTOM SAMPLE 6 @ 4'		9/29/22		12:53PM									
BOTTOM SAMPLE 7 @ 1'		9/29/22		1:08PM									
BOTTOM SAMPLE 7 @ 2'		9/29/22		1:16PM									
BOTTOM SAMPLE 7 @ 3'		9/29/22		1:24PM									
BOTTOM SAMPLE 7 @ 4'		9/29/22		1:34PM									
BOTTOM SAMPLE 8 @ 1'		9/29/22		1:41PM									
BOTTOM SAMPLE 8 @ 2'		9/29/22		1:50PM									

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

Relinquished By:	Date: 10-7-22	Received By:	Date: 10-7-22	Time: 1519	REMARKS:
Relinquished By:	Date:	Received By:	Date:	Time:	
Delivered By: (Circle One)	-8.30	-8.30	-8.30	-8.30	CHECKED BY:
Sampler - UPS - Bus - Other:	-8.30	-8.30	-8.30	-8.30	

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ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 157893

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 157893
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/22/2023