

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"; "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

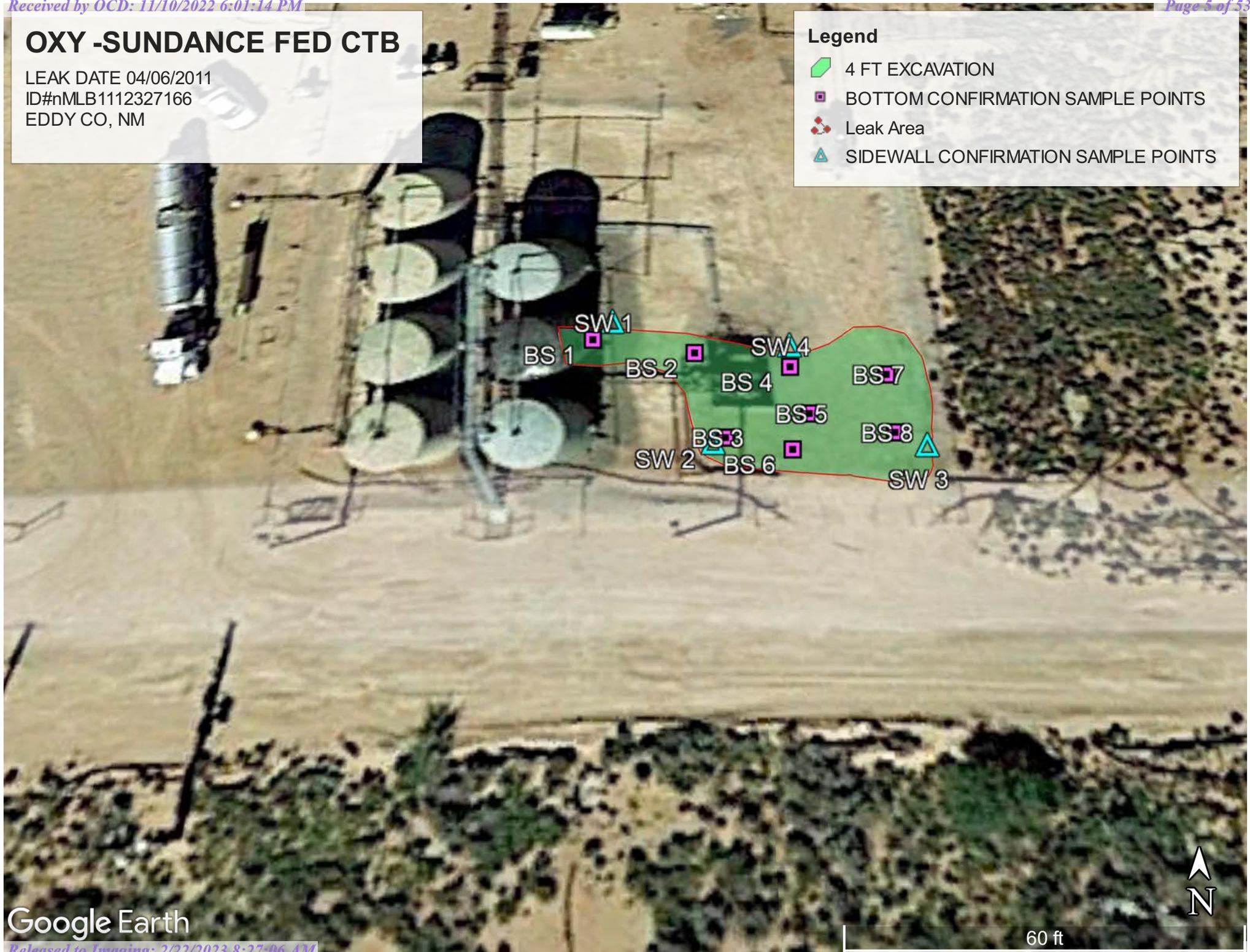
This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the Sundance Fed CTB (NMLB112327166) on Tuesday, September 27, 2022 at 9:00 am

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	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	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
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	<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
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	<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
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	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
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
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

	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".

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	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 @ 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

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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	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 @ 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, 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 87.5 % 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



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Analytical Results For:

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

Received:	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 @ 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, 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 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	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 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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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 2 @ 2' (H224729-06)

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	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) 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:

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 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, 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 91.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 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	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 2 @ 4' (H224729-08)

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	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) 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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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 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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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 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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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 3 @ 3' (H224729-11)

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	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 97.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 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	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 3 @ 4' (H224729-12)

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	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	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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*=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	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 4 @ 1' (H224729-13)

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	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 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	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 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, 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 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.
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 4 @ 4' (H224729-16)

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	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 95.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 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	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 5 @ 1' (H224729-17)

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	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	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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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 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	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 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, 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 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	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 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	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 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	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 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, 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 95.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.9 % 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	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 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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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	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 6 @ 4' (H224729-24)

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	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	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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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	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 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	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 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	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 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	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 7 @ 4' (H224729-28)

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	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 95.3 % 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	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 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, 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 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	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 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	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 8 @ 3' (H224729-31)

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	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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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 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, 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 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 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	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: 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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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: 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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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: 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	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: 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, 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 90.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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* = Accredited Analyte

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Notes and Definitions

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

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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: SUNDANCE FED CTB (4/6/11) Project Location: New Mexico Sampler Name: SIMON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____									
BILL TO											
ANALYSIS REQUEST											
<small>FOR LAB USE ONLY</small>											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BTEX	1PH EXT
11	BOTTOM SAMPLE 3 @ 3'		6V	GROUNDWATER			9/29/22	10:12AM	✓	✓	✓
13	BOTTOM SAMPLE 3 @ 4'			WASTEWATER			9/29/22	10:19AM	✓	✓	✓
14	BOTTOM SAMPLE 4 @ 1'			SOIL	✓		9/29/22	10:31AM	✓	✓	✓
15	BOTTOM SAMPLE 4 @ 2'			OIL			9/29/22	10:42AM	✓	✓	✓
16	BOTTOM SAMPLE 4 @ 3'			SLUDGE			9/29/22	10:50AM	✓	✓	✓
17	BOTTOM SAMPLE 4 @ 4'			OTHER :			9/29/22	11:00AM	✓	✓	✓
18	BOTTOM SAMPLE 5 @ 1'			ACID/BASE:			9/29/22	11:12AM	✓	✓	✓
19	BOTTOM SAMPLE 5 @ 2'			ICE / COOL			9/29/22	11:19AM	✓	✓	✓
20	BOTTOM SAMPLE 5 @ 3'			OTHER :			9/29/22	11:27AM	✓	✓	✓
	BOTTOM SAMPLE 5 @ 4'						9/29/22	11:38AM	✓	✓	✓

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 requests or otherwise.

Relinquished By: _____ Date: 10-1-22 Time: 1519
 Received By: _____ Date: _____ Time: _____
 Delivered By: (Circle One) -8.30 (C.O.U.)
 Sampler - UPS - Bus - Other: -8.92 #113
 Sample Condition: Cool Intact
 Checked By: _____ (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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: SUNDANCE FED CTB (4/6/11) Project Location: New Mexico Sampler Name: SIMON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
BILL TO			
ANALYSIS REQUEST			
FOR LAB USE ONLY			
Lab I.D. #204729 BOTTOM SAMPLE 8 @ 3' BATTOM SAMPLE 8 @ 4' SIDEWALL 1 SIDEWALL 2 SIDEWALL 3 SIDEWALL 4	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	MATRIX PRESERV SAMPLING	DATE
			TIME
			✓
			✓
			✓
Chloride BT EX TP NEXT			

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 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 reasons or otherwise.

Relinquished By: *[Signature]* Date: 10-1-22 Time: 1519
 Received By: *[Signature]* Date: _____ Time: _____
 Delivered By: (Circle One) *-8.32R-0.10E*
 Sampler - UPS - Bus - Other: *-8.92 #113*
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *[Signature]*

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

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