

Closure Report

ID# nAB1625156773, nAB1702741728 , nAB1710041956

Site Description

Site Name:	SDS 11 FEDERAL 1 SWD FACILITY
Company:	Oxy USA, Inc.
Legal Description:	U/L F , SECTION 11 , T 24S , R 31E
County:	EDDY CO ,NM
GPS Coordinates:	N 32.2333984, -103.7507324

Release Data

Date of Release:	8/17/16 , 1/16/17 , 3/31/17
Type of Release:	PRODUCED WATER
Source of Release:	FAULTY TRANSFER PUMP ON PIPING, NIPPLE LEAK ON DISPOSAL LINE ,FITTING FAILURE ON LINE FROM PUMP
Volume of Release:	1100BBLS, 18 BBLS,6 BBLS
Volume Recovered:	900 BBLS , 8 BBLS , 0BBLS

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:		11/21/2016, 3/22/17
OCD Approval of Plan:		11/29/2016 , 4/3/2017
Plan Sent to BLM:		11/21/2016 , 3/22/17
BLM Approval of Plan:		4/18/2017

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	10/6/22, 10/12/22	

Request for Closure

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

Cliff P. Brunson
President, BBC International, Inc.

11/17/2022

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1625156773
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 CoordinatorSignature:  Date: 11-7-22email: wade_dittrich@oxy.com Telephone: (575) 390-2828**OCD Only**Received by: Jocelyn Harimon Date: 11/21/2022

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: 2/9/2023Printed Name: Ashley Maxwell Title: Environmental Specialist

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1702741728
District RP	
Facility ID	
Application ID	

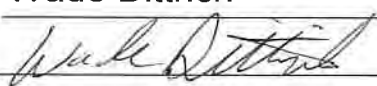
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Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 11-17-22
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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Closure Approved by:  Date: 2/09/2023
Printed Name: Ashley Maxwell Title: Environmental Specialist

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAB1710041956
District RP	
Facility ID	
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Closure

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Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 11-17-22
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

OCD Only

Received by: _____ Date: _____

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Closure Approved by:  Date: 2/9/2023
Printed Name: Ashley Maxwell Title: Environmental Specialist

From: [Cliff Brunson](#)
To: [Kathy Sweeney](#)
Cc: "Ken Swinney"; "Jennifer Gilkey"
Subject: FW: [EXTERNAL] OXY - SDS 11 Federal #1 SWD - Sampling Notification
Date: Wednesday, October 12, 2022 11:12:29 AM

Kathy, see below. Add this to project files. Thanks

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
Hobbs, NM 88240 USA
Phone: (575) 397-6388
Fax: (575) 397-0397
E-Mail: cbrunson@bbcinternational.com



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From: Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>
Sent: Wednesday, October 12, 2022 11:07 AM
To: Cliff Brunson <cbrunson@bbcinternational.com>
Cc: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>
Subject: FW: [EXTERNAL] OXY - SDS 11 Federal #1 SWD - Sampling Notification

Cliff

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: Wednesday, October 12, 2022 8:22 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] OXY - SDS 11 Federal #1 SWD - Sampling Notification

From: Cliff Brunson <cbrunson@bbcinternational.com>

Sent: Thursday, October 6, 2022 5:21 PM

To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>

Cc: 'Wade Dittrich' <Wade_Dittrich@oxy.com>; tyson_pierce@oxy.com <tyson_pierce@oxy.com>;
'Ken Swinney' <kswinney@bbcinternational.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com>;
Kathy Sweeney <kathys@bbcinternational.com>

Subject: [EXTERNAL] OXY - SDS 11 Federal #1 SWD - Sampling Notification

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 SDS 11 Federal #1 SWD (8/17/16 – nAB1625156773), (1/16/17 – nAB1702741728), (3/31/17 – nAB1710041956) on Tuesday, October 11, 2022 at 9:00 a.m.

Cliff P. Brunson, CEI, CRS
President
BBC International, Inc.
World-Wide Environmental Specialists
Mailing Address:
P. O. Box 805
Hobbs, NM 88241-0805 USA
Shipping Address:
1324 W. Marland St.
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E-Mail: cbrunson@bbcinternational.com



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OXY - SDS 11 FEDERAL #1 SWD FACILITY

LEAK DATES - 08/17/2016 , 01/16/2017,03/31/2017

EDDY CO, NM

ID# nAB1625156773,nAB1702741728,nAB1625156773

Legend

01/16/2017

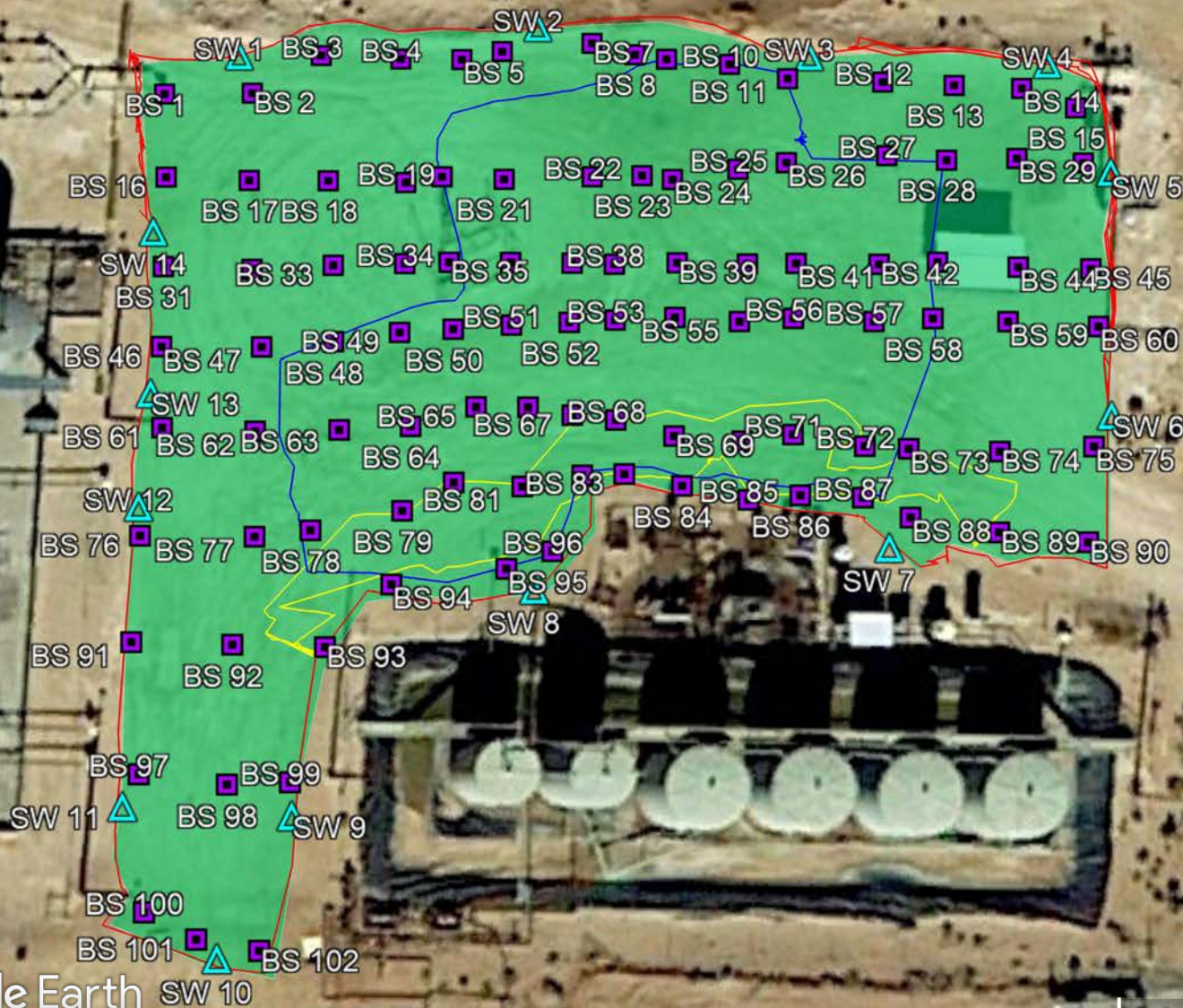
03/31/2017

08/06/2016

4' EXCAVATION

BOTTOM CONFIRMATION SAMPLE POINTS

SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

OXY - SDS 11 FEDERAL #1 SWD FACILITY

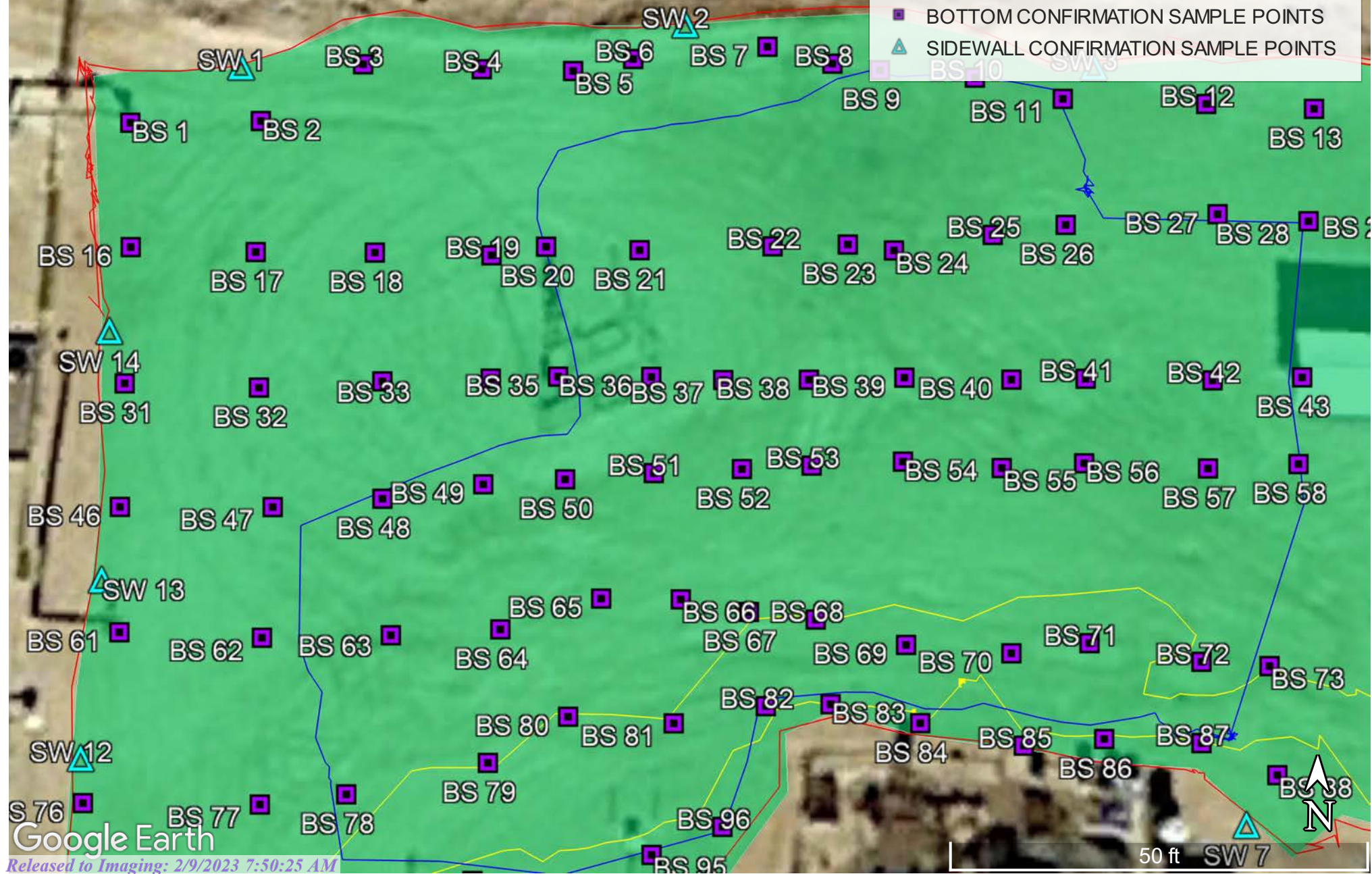
LEAK DATES - 08/17/2016 , 01/16/2017,03/31/2017

EDDY CO, NM

ID# nAB1625156773,nAB1702741728,nAB1625156773

Legend

- 01/16/2017
- 03/31/2017
- 08/06/2016
- 4' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- SIDEWALL CONFIRMATION SAMPLE POINTS



OXY - SDS 11 FEDERAL #1 SWD FACILITY

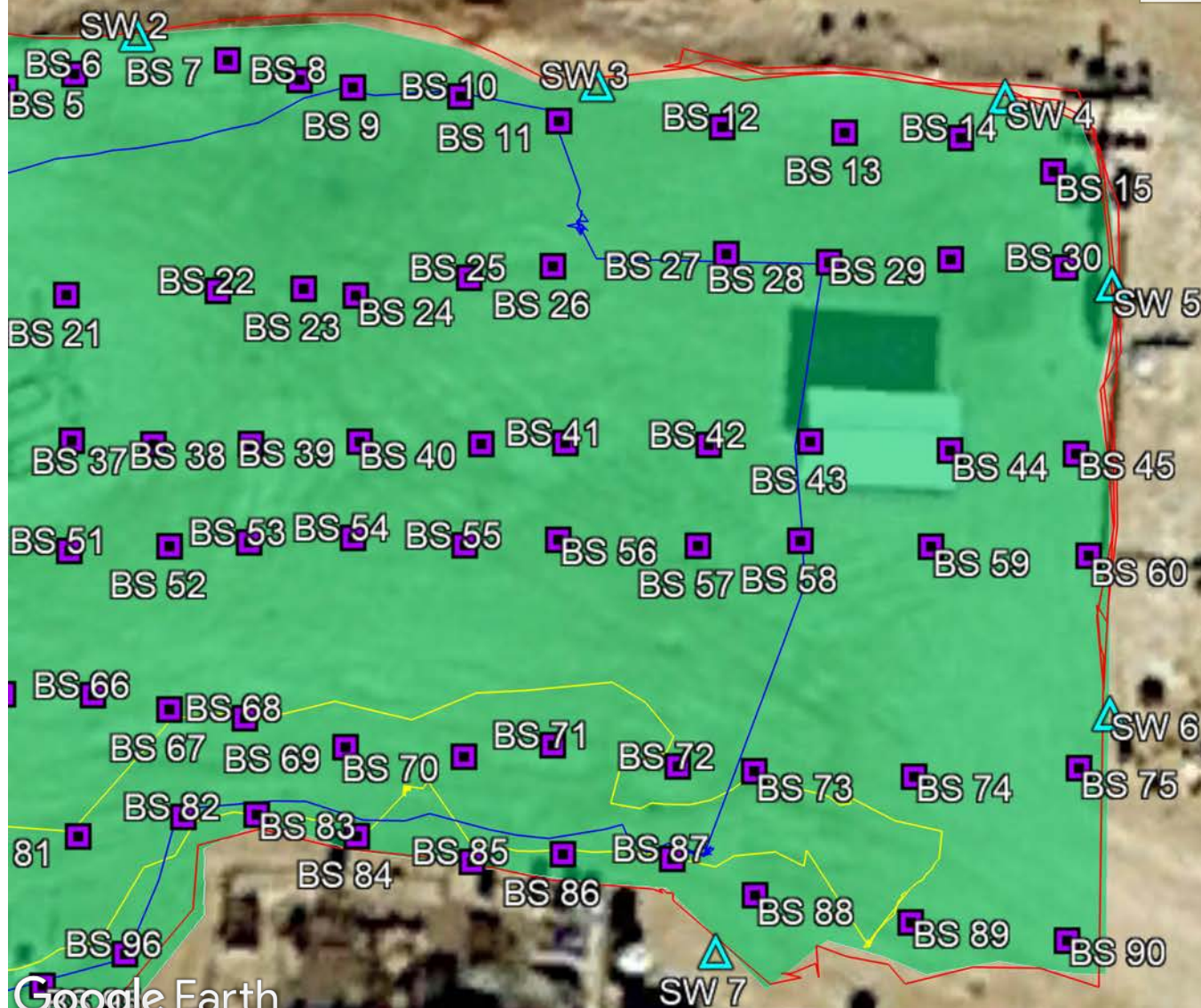
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EDDY CO, NM

ID# nAB1625156773,nAB1702741728,nAB1625156773

Legend

- 01/16/2017
- 03/31/2017
- 08/06/2016
- 4' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

60 ft

OXY - SDS 11 FEDERAL #1 SWD FACILITY

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Legend

01/16/2017

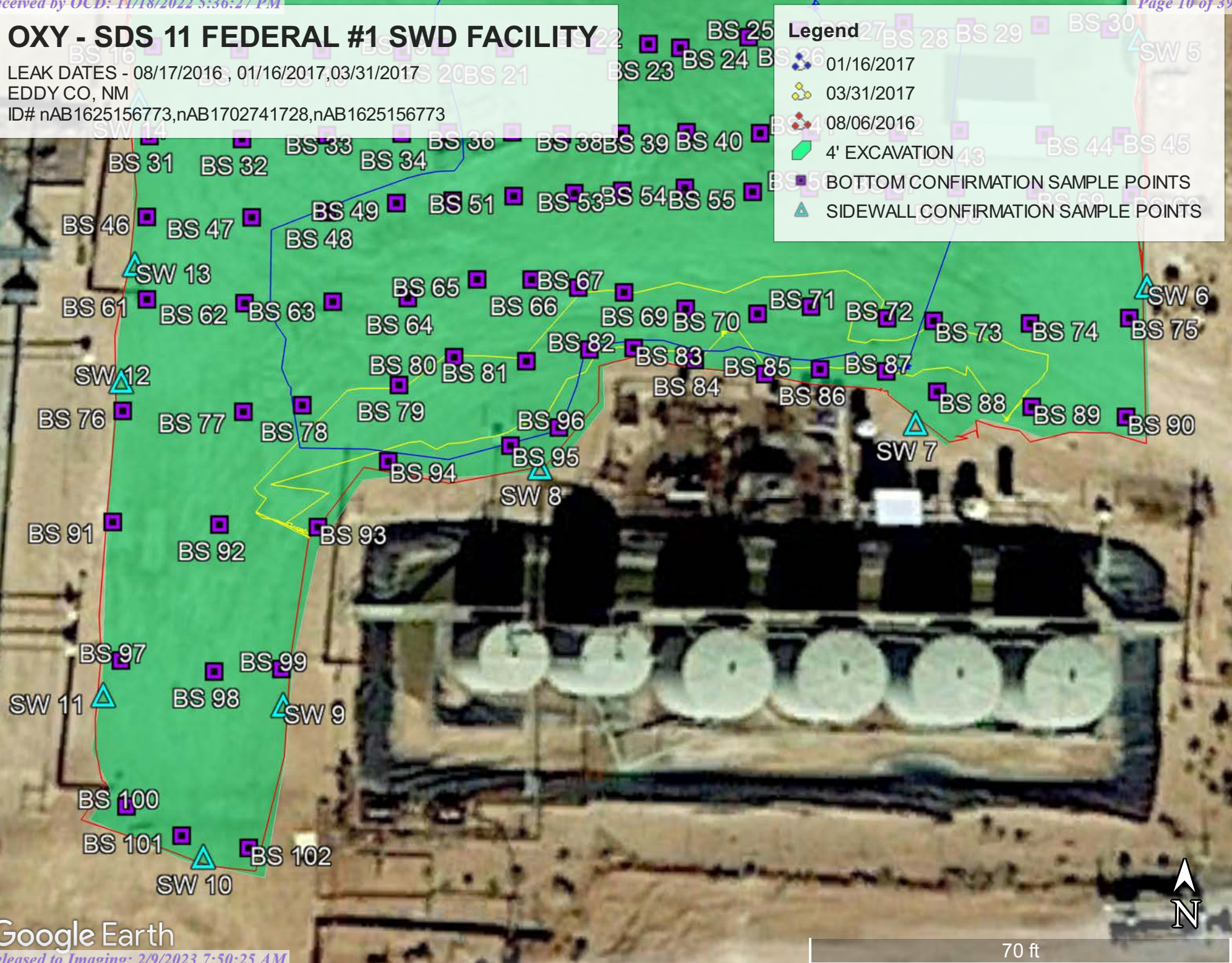
03/31/2017

08/06/2016

4' EXCAVATION

BOTTOM CONFIRMATION SAMPLE POINTS

SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

OXY -SDS 11 FED #1 SWD (8/17/16,1/16/17,3/31/17)

SAMPLE DATE 10/11/22-10/19/22

BOTTOM SAMPLE S

BS 1@1'2'3'4'	N 32.23350	W-103.75096
BS 2@1'2'3'4'	N 32.23350	W-103.75094
BS 3@1'2'3'4'	N 32.23351	W-103.75089
BS 4@1'2'3'4'	N 32.23351	W-103.75082
BS 5@1'2'3'4'	N 32.23350	W-103.75077
BS 6@1'2'3'4'	N 32.23349	W-103.78073
BS 7@1'2'3'4'	N 32.23350	W-103.75068
BS 8@1'2'3'4'	N 32.23350	W-103.75063
BS 9@1'2'3'4'	N 32.23350	W-103.75059
BS 10@1'2'3'4'	N 32.23350	W-103.75056
BS 11@1'2'3'4'	N 32.23350	W-103.75053
BS 12@1'2'3'4'	N 32.23350	W-103.75049
BS 13@1'2'3'4'	N 32.23349	W-103.75045
BS 14@1'2'3'4'	N 32.23349	W-103.75041
BS 15@1'2'3'4'	N 32.23350	W-103.75037
BS 16@1'2'3'4'	N 32.23344	W-103.75096
BS 17@1'2'3'4'	N 32.23349	W-103.75092
BS 18@1'2'3'4'	N 32.23344	W-103.75086
BS 19@1'2'3'4'	N 32.23344	W-103.75022
BS 20@1'2'3'4'	N 32.23340	W-103.75076
BS 21@1'2'3'4'	N 32.23344	W-103.75072
BS 22@1'2'3'4'	N 32.23344	W-103.75068
BS 23@1'2'3'4'	N 32.22343	W-103.75065
BS 24@1'2'3'4'	N 32.23343	W-103.75062
BS 25@1'2'3'4'	N 32.23344	W-103.75057
BS 26@1'2'3'4'	N 32.23344	W-103.75054
BS 27@1'2'3'4'	N 32.23344	W-103.75048
BS 28@1'2'3'4'	N 32.23345	W-103.75045
BS 30@1'2'3'4'	N 32.23345	W-103.75037
BS 31@1'2'3'4'	N 32.23341	W-103.75096
BS 32@1'2'3'4'	N 32.23341	W-103.75092
BS 33@1'2'3'4'	N 32.23342	W-103.75087
BS 34@1'2'3'4'	N 32.23344	W-103.75083
BS 35@1'2'3'4'	N 32.32341	W-103.75076
BS 36@1'2'3'4'	N 32.32342	W-103.75072
BS 37@1'2'3'4'	N 32.23341	W-103.75069
BS 38@1'2'3'4'	N 32.23240	W-103.75065
BS 39@1'2'3'4'	N 32.23341	W-103.75061
BS 40@1'2'3'4'	N 32.23341	W-103.75057
BS 41@1'2'3'4'	N 32.23340	W-103.75052
BS 42@1'2'3'4'	N 32.23340	W-103.75045

BS 43@1'2'3'4'	N 32.23344	W-103.75037
BS 44@1'2'3'4'	N 32.23341	W-103.75034
BS 45@1'2'3'4'	N 32.23340	W-103.75030
BS 46@1'2'3'4'	N 32.23235	W-103.75095
BS 47@1'2'3'4'	N 32.23235	W-103.75092
BS 48@1'2'3'4'	N 32.23236	W-103.75088
BS 49@1'2'3'4'	N 32.23335	W-103.75076
BS 50@1'2'3'4'	N 32.23335	W-103.75070
BS 51@1'2'3'4'	N 32.23335	W-103.75073
BS 52@1'2'3'4'	N 32.23338	W-103.75068
BS 53@1'2'3'4'	N 32.23335	W-103.75064
BS 54@1'2'3'4'	N 32.23335	W-103.75062
BS 55@1'2'3'4'	N 32.23335	W-103.75059
BS 56@1'2'3'4'	N 32.23335	W-103.75055
BS 57@1'2'3'4'	N 32.23336	W-103.75051
BS 58@1'2'3'4'	N 32.23335	W-103.75046
BS 59@1'2'3'4'	N 32.23335	W-103.75043
BS 60@1'2'3'4'	N 32.23332	W-103.75035
BS 61@1'2'3'4'	N 32.23331	W-103.75096
BS 62@1'2'3'4'	N 32.23330	W-103.75092
BS 63@1'2'3'4'	N 32.23330	W-103.75087
BS 64@1'2'3'4'	N 32.23331	W-103.75051
BS 65@1'2'3'4'	N 32.23330	W-103.75080
BS 66@1'2'3'4'	N 32.23333	W-103.75076
BS 67@1'2'3'4'	N 32.23331	W-103.75073
BS 68@1'2'3'4'	N 32.23331	W-103.75070
BS 69@1'2'3'4'	N 32.23330	W-103.75067
BS 70@1'2'3'4'	N 32.23330	W-103.75064
BS 71@1'2'3'4'	N 32.23330	W-103.75061
BS 72@1'2'3'4'	N 32.23331	W-103.75058
BS 73@1'2'3'4'	N 32.23334	W-103.75054
BS 74@1'2'3'4'	N 32.23330	W-103.75051
BS 75@1'2'3'4'	N 32.23330	W-103.75042
BS 76@1'2'3'4'	N 32.23326	W-103.75098
BS 78@1'2'3'4'	N 32.23326	W-103.75093
BS 79@1'2'3'4'	N 32.23325	W-103.75089
BS 80 @1'2'3'4'	N 32.33375	W-103.75084
BS 81@1'2'3'4'	N 32.33325	W-103.75080
BS 82@1'2'3'4'	N 32.33325	W-103.75074
BS 83@1'2'3'4'	N 32.23325	W-103.75070
BS 84@1'2'3'4'	N 32.23326	W-103.75066
BS 85@1'2'3'4'	N 32.23325	W-103.75062
BS 86@1'2'3'4'	N 32.23324	W-103.75058
BS 87@1'2'3'4'	N 32.23325	W-103.75054
BS 88@1'2'3'4'	N 32.23324	W-103.75050
BS 89@1'2'3'4'	N 32.23325	W-103.75046
BS 90@1'2'3'4'	N 32.23326	W-103.75040

BS 91@1'2'3'4'	N 32.23320	W-103.75096
BS 92@1'2'3'4'	N 32.23320	W-103.75095
BS 93@1'2'3'4'	N 32.23320	W-103.75086
BS 94@1'2'3'4'	N 32.23322	W-103.75082
BS 95@1'2'3'4'	N 32.23322	W-103.75076
BS 96@1'2'3'4'	N 32.23322	W-103.75072
BS 97@1'2'3'4'	N 32.23315	W-103.75095
BS 98@1'2'3'4'	N 32.23315	W-103.75090
BS 99@1'2'3'4'	N 32.23314	W-103.75086
BS 100@1'2'3'4'	N 32.23310	W-103.75096
BS 101 @1'2'3'4'	N 32.23310	W-103.75090
BS 102 @1'2'3'4'	N 32.23310	W-103.75086

SIDEWALL SAMPLE POINTS

SW 1	N 32.23354	W-103.75097
SW 2	N 32.23355	W-103.75082
SW 3	N 32.23356	W-103.75056
SW 4	N 32.23354	W-103.75036
SW 5	N 32.23342	W-103.75033
SW 6	N 32.25355	W-103.75033
SW 7	N 32.22321	W-103.75048
SW 8	N 32.23321	W-103.75075
SW 9	N 32.23313	W-103.75082
SW 10	N 32.23303	W-103.75091
SW 11	N 32.23309	W-103.75099
SW 12	N 32.23309	W-103.75098
SW 13	N 32.23331	W-103.75099
SW 14	N 32.23345	W-103.75100

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	Sample ID	SW 13	SW 14
Analyte	Date	10/19/22	10/19/22
		mg/kg	mg/kg
Benzene		<0.050	<0.050
Toluene		<0.050	<0.050
Ethylbenzene		<0.050	<0.050
Total Xylenes		<0.150	<0.150
Total BTEX		<0.300	<0.300
Chloride		32.0	48.0
GRO		<10.0	<10.0
DRO		<10.0	<10.0
EXT DRO		<10.0	<10.0



OXY-SDS 11 FEDERAL 1 SWD FACILITY (8/17/16, 1/16/17, 3/31/17)





OXY-SDS 11 FEDERAL 1 SWD FACILITY (8/17/16, 1/16/17, 3/31/17)





OXY-SDS 11 FEDERAL 1 SWD FACILITY (8/17/16, 1/16/17, 3/31/17)





OXY-SDS 11 FEDERAL 1 SWD FACILITY (8/17/16, 1/16/17, 3/31/17)





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

October 24, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SDS 11 FEDERAL #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 10/20/22 11:45.

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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 1' (H224933-01)

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	10/22/2022	ND	1.99	99.7	2.00	4.85		
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	10/21/2022	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	10/21/2022	ND	216	108	200	12.7	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 60.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 67.9 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 2' (H224933-02)

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	10/22/2022	ND	1.99	99.7	2.00	4.85		
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	10/21/2022	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	10/21/2022	ND	216	108	200	12.7	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 93.0 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 3' (H224933-03)

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	10/22/2022	ND	1.99	99.7	2.00	4.85		
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	10/21/2022	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	10/21/2022	ND	216	108	200	12.7	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.34	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 83.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 1 @ 4' (H224933-04)

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	10/22/2022	ND	1.99	99.7	2.00	4.85		
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 1' (H224933-05)

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	10/22/2022	ND	1.99	99.7	2.00	4.85		
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 91.7 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 2' (H224933-06)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 80.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 3' (H224933-07)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	10/21/2022	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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 2 @ 4' (H224933-08)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 1' (H224933-09)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.9 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 2' (H224933-10)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 3' (H224933-11)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 98.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 3 @ 4' (H224933-12)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.2 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 132 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 1' (H224933-13)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 2' (H224933-14)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 3' (H224933-15)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 4 @ 4' (H224933-16)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.7 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 1' (H224933-17)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 2' (H224933-18)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 132 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 3' (H224933-19)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 5 @ 4' (H224933-20)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 1' (H224933-21)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/24/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 2' (H224933-22)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.4 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 3' (H224933-23)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 6 @ 4' (H224933-24)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 93.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 1' (H224933-25)

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	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.2 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 2' (H224933-26)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.9 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 3' (H224933-27)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 7 @ 4' (H224933-28)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.2 % 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	10/21/2022	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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 1' (H224933-29)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	10/21/2022	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	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 2' (H224933-30)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 84.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 3' (H224933-31)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 133 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 8 @ 4' (H224933-32)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 133 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 1' (H224933-33)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.8 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 110 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 2' (H224933-34)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 3' (H224933-35)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.9 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 9 @ 4' (H224933-36)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 120 % 45.3-161

Surrogate: 1-Chlorooctadecane 141 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 1' (H224933-37)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 134 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 2' (H224933-38)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 141 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 3' (H224933-39)

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	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.2 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 10 @ 4' (H224933-40)

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	10/22/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H224933-41)

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	10/22/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 2' (H224933-42)

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	10/22/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 3' (H224933-43)

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	10/22/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.3 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 113 % 45.3-161

Surrogate: 1-Chlorooctadecane 133 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 11 @ 4' (H224933-44)

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	10/22/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 133 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H224933-45)

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	10/22/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/22/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.13	102	6.00	7.96		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 2' (H224933-46)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 133 % 46.3-178

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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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 3' (H224933-47)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	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	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 111 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 12 @ 4' (H224933-48)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 1' (H224933-49)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 2' (H224933-50)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTX	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 3' (H224933-51)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTX	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 13 @ 4' (H224933-52)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 1' (H224933-53)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 2' (H224933-54)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTX	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 3' (H224933-55)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 125 % 45.3-161

Surrogate: 1-Chlorooctadecane 139 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 14 @ 4' (H224933-56)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 1' (H224933-57)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 2' (H224933-58)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 3' (H224933-59)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTX	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 15 @ 4' (H224933-60)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 1' (H224933-61)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 107 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 2' (H224933-62)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTX	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 3' (H224933-63)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTEx	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	197	98.5	200	3.64	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	199	99.3	200	8.31	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 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:	10/20/2022	Sampling Date:	10/11/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 16 @ 4' (H224933-64)

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	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTX	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 1' (H224933-65)

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	10/21/2022	ND	2.06	103	2.00	7.04		
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20		
Total BTX	<0.300	0.300	10/21/2022	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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 105 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 2' (H224933-66)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 3' (H224933-67)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 17 @ 4' (H224933-68)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 1' (H224933-69)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 2' (H224933-70)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.0 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 3' (H224933-71)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 18 @ 4' (H224933-72)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 1' (H224933-73)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 108 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 2' (H224933-74)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 3' (H224933-75)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 19 @ 4' (H224933-76)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 1' (H224933-77)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 2' (H224933-78)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 3' (H224933-79)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTX	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 99.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 20 @ 4' (H224933-80)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 95.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 1' (H224933-81)

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	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTX	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 2' (H224933-82)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 3' (H224933-83)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	204	102	200	7.93	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	204	102	200	7.65	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 107 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 21 @ 4' (H224933-84)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 125 % 45.3-161

Surrogate: 1-Chlorooctadecane 148 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 1' (H224933-85)

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	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 2' (H224933-86)

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	10/22/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.88	98.0	6.00	2.48		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 3' (H224933-87)

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	10/22/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.88	98.0	6.00	2.48		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 136 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 22 @ 4' (H224933-88)

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	10/22/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.88	98.0	6.00	2.48		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 108 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 1' (H224933-89)

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	10/22/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.88	98.0	6.00	2.48		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.9 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 2' (H224933-90)

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	10/22/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.88	98.0	6.00	2.48		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 79.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.8 % 46.3-178

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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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 3' (H224933-91)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 23 @ 4' (H224933-92)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 89.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 1' (H224933-93)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEx	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 117 % 45.3-161

Surrogate: 1-Chlorooctadecane 140 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 2' (H224933-94)

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	10/23/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 116 % 45.3-161

Surrogate: 1-Chlorooctadecane 138 % 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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 State: NM Zip: 88241 Fax #: 575-397-0397 Project #: Project Owner: Oxy Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17) Project Location: New Mexico Sampler Name: SIMON		P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY		BILL TO	
Lab I.D. H224933		ANALYSIS REQUEST	
Sample I.D.		DATE	
BOTTOM SAMPLE 1@1' BOTTOM SAMPLE 1@2' BOTTOM SAMPLE 1@3' BOTTOM SAMPLE 1@4' BOTTOM SAMPLE 2@1' BOTTOM SAMPLE 2@2' BOTTOM SAMPLE 2@3' BOTTOM SAMPLE 2@4' BOTTOM SAMPLE 3@1' BOTTOM SAMPLE 3@2' BOTTOM SAMPLE 3@2'		10/11/22 8:25AM 10/11/22 8:33AM 10/11/22 8:40AM 10/11/22 8:48AM 10/11/22 8:55AM 10/11/22 9:04AM 10/11/22 9:12AM 10/11/22 9:20AM 10/11/22 9:27AM 10/11/22 9:34AM	
(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:		PRESERV SAMPLING	
Chloride BTEX TPH EXT		YES YES YES YES YES YES YES YES YES YES	
Relinquished By: Date: 10-20-22 Time: 8:00am Received By: Michael Kenna Date: 10-20-22 Time: 1145 Sample Condition Cool Intact Yes Yes No No CHECKED BY: (Initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #: REMARKS:	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 State: NM Zip: 88241 Fax #: 575-397-0397 Project #: Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17) Project Location: New Mexico Sampler Name: SIMON		BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST											
FOR LAB USE ONLY Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER : PRESERV. SAMPLING		DATE TIME		Chloride BTEX TPH/EXT									
11		BOTTOM SAMPLE 3@3'		10/11/22 9:41AM		✓									
12		BOTTOM SAMPLE 3@4		10/11/22 9:49AM		✓									
13		BOTTOM SAMPLE 4@1'		10/11/22 9:57AM		✓									
14		BOTTOM SAMPLE 4@2'		10/11/22 10:08AM		✓									
15		BOTTOM SAMPLE 4@3'		10/11/22 10:16AM		✓									
16		BOTTOM SAMPLE 4@4'		10/11/22 10:25AM		✓									
17		BOTTOM SAMPLE 5@1'		10/11/22 10:34AM		✓									
18		BOTTOM SAMPLE 5@2'		10/11/22 10:40AM		✓									
19		BOTTOM SAMPLE 5@3'		10/11/22 10:49AM		✓									
20		BOTTOM SAMPLE 5@4'		10/11/22 10:57AM		✓									

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Relinquished By: Date: 10-20-22 Time: 8:00 AM Received By: [Signature] Date: 10-20-22 Time: 11:45 Received By: [Signature]	Relinquished By: Date: 10-20-22 Time: 8:00 AM Received By: [Signature] Date: 10-20-22 Time: 11:45 Received By: [Signature]
---	---

Delivered By: (Circle One)
 Sampler - UPS - Bus - Other: -0.4°C/-1.0°C
 Sample Condition: Cool Intact
 Yes ☒ No ☐
 Checked By: [Signature]
 (Initials)

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17) Project Location: New Mexico Sample Name: SIMON		P.O. #: Company: Oxy Attn: Address: City: State: Zip:	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		Analysis Request	
FOR LAB USE ONLY		BILL TO	
Lab I.D. H224933	Sample I.D.	ANALYSIS REQUEST	
31 BOTTOM SAMPLE 8@3' 32 BOTTOM SAMPLE 8@4' 33 BOTTOM SAMPLE 9@1' 34 BOTTOM SAMPLE 9@2' 35 BOTTOM SAMPLE 9@3' 36 BOTTOM SAMPLE 9@4' 37 BOTTOM SAMPLE 10@1' 38 BOTTOM SAMPLE 10@2' 39 BOTTOM SAMPLE 10@3' 40 BOTTOM SAMPLE 10@4'	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE TIME	ANALYSIS REQUEST
31 32 33 34 35 36 37 38 39 40	1 1 1 1 1 1 1 1 1 1	10/11/22 12:28PM 10/11/22 12:36PM 10/11/22 12:43PM 10/11/22 12:52PM 10/11/22 1:02PM 10/11/22 1:10PM 10/11/22 1:16PM 10/11/22 1:23PM 10/11/22 1:30PM 10/11/22 1:37PM	Chloride BTEX TPH/EXT
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Relinquished By: [Signature]	Date: 10-20-22 Time: 8:00AM	Received By: [Signature]	Date: 10-20-22 Time: 11:45
Relinquished By: [Signature]	Date: 10-20-22 Time: 11:45	Received By: [Signature]	Date: 10-20-22 Time: 11:45
Delivered By: (Circle One) UPS - UPS - Bus - Other:	Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CHECKED BY: [Signature]	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Add'l Fax #:



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 State: NM Zip: 88241 Fax #: 575-397-0397 Project #: Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17) Project Location: New Mexico Sample Name: SIMON		BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST											
FOR LAB USE ONLY		Matrix (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		PRESERV SAMPLING		DATE TIME									
Lab I.D. H224933		Sample I.D.		10/11/22 1:44PM		Chloride BTEX TPH EXT									
41 BOTTOM SAMPLE 11@1' 42 BOTTOM SAMPLE 11@2' 43 BOTTOM SAMPLE 11@3' 44 BOTTOM SAMPLE 11@4' 45 BOTTOM SAMPLE 12@1' 46 BOTTOM SAMPLE 12@2' 47 BOTTOM SAMPLE 12@3' 48 BOTTOM SAMPLE 12@4' 49 BOTTOM SAMPLE 13@1' 50 BOTTOM SAMPLE 13@2"		10/11/22 1:51PM 10/11/22 2:07PM 10/11/22 2:14PM 10/11/22 2:20PM 10/11/22 2:27PM 10/11/22 2:32PM 10/11/22 2:39PM 10/11/22 2:45PM		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓											
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Relinquished By: [Signature] Date: 10-20-22 Time: 6:00PM		Received By: [Signature] Date: 10-20-22 Time: 1:45		REMARKS:											
Relinquished By: [Signature] Date: 10-20-22 Time: 6:00PM		Received By: [Signature] Date: 10-20-22 Time: 1:45		REMARKS:											
Delivered By: (Circle One) [Signature]		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: [Signature]											
Sampler - UPS - Bus - Other: -0.4e / -1.0e		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: Add'l Fax #:											

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 State: NM Zip: 88241 Fax #: 575-397-0397 Project #: Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17) Project Location: New Mexico Sampler Name: SIMON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:															
BILL TO				ANALYSIS REQUEST															
Lab I.D. 424933				Sample I.D. 51 BOTTOM SAMPLE 13@3' 52 BOTTOM SAMPLE 13@4' 53 BOTTOM SAMPLE 14@1' 54 BOTTOM SAMPLE 14@2' 55 BOTTOM SAMPLE 14@3' 56 BOTTOM SAMPLE 14@4' 57 BOTTOM SAMPLE 15@1' 58 BOTTOM SAMPLE 15@2' 59 BOTTOM SAMPLE 15@3' 60 BOTTOM SAMPLE 15@4'				(G) RAB OR (C) OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:				DATE TIME 10/11/22 2:52PM 10/11/22 3:00PM 10/11/22 3:08PM 10/11/22 3:15PM 10/11/22 3:21PM 10/11/22 3:27PM 10/11/22 3:33PM 10/11/22 3:39PM 10/11/22 3:44PM 10/11/22 3:51PM				Chloride BTEX TPH/EXT			
Relinquished By: [Signature] Date: 10/20/22 Received By: [Signature] Date: 10/20/22 Time: 8:00am Relinquished By: [Signature] Date: 10/20/22 Time: 11:45 Delivered By: (Circle One) Sampler - UPS - Bus - Other: -0.4°C / -1.0°C Sample Condition: Cool Intact Checked By: [Signature] (Initials)				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: REMARKS:															



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 State: NM Zip: 88241 Fax #: 575-397-0397 Project #: Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17) Project Location: New Mexico Sampler Name: SIMON				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:							
FOR LAB USE ONLY				ANALYSIS REQUEST							
Lab I.D. H224933		Sample I.D.		MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		PRESERV ACID/BASE: ICE / COOL OTHER:		SAMPLING DATE TIME		Chloride BTEX TPH/EXT	
61		BOTTOM SAMPLE 16@1'		1		10/11/22		2:52PM		✓	
62		BOTTOM SAMPLE 16@2'		1		10/11/22		3:00PM		✓	
63		BOTTOM SAMPLE 16@3'		1		10/11/22		3:08PM		✓	
64		BOTTOM SAMPLE 16@4'		1		10/11/22		3:15PM		✓	
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Relinquished By: [Signature] Date: 10-20-22 Time: 9:00AM				Received By: [Signature] Date: 10-20-22 Time: 11:45 AM				Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
Relinquished By: [Signature] Date: 10-20-22 Time: 9:00AM				Received By: [Signature] Date: 10-20-22 Time: 11:45 AM				CHECKED BY: [Signature] (Initials)			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				-0.4°C / 1.0°C				REMARKS:			

† 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.				P.O. #:				BILL TO			
Project Manager: Cliff Brunson				Company: Oxy				ANALYSIS REQUEST			
Address: P.O. Box 805				Attn:							
City: Hobbs				Address:							
Phone #: 575-397-6388				State: NM Zip: 88241							
Fax #: 575-397-0397				City:							
Project Owner: Oxy				State:							
Project Location: New Mexico				Zip:							
Sample Name: SIMON				Fax #:							
FOR LAB USE ONLY											
Lab I.D. Sample I.D.				MATRIX				PRESERV			
				GROUNDWATER							
				WASTEWATER							
				SOIL							
				OIL							
				SLUDGE							
				OTHER :							
				ACID/BASE:							
				ICE / COOL							
				OTHER :							
DATE				TIME							
10/12/22				8:15AM							
10/12/22				8:23AM							
10/12/22				8:32AM							
10/12/22				8:40AM							
10/12/22				8:48AM							
10/12/22				9:00AM							
10/12/22				9:07AM							
10/12/22				9:14AM							
10/12/22				9:21am							
10/12/22				9:30am							

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Relinquished By: [Signature] Date: 10-20-22 Received By: [Signature] Time: 10:00am
Relinquished By: [Signature] Date: 10-20-22 Received By: [Signature] Time: 11:45am
Delivered By: (Circle One) -0.4c/-1.0c
Sampler - UPS - Bus - Other: [X] Yes [] No [] Yes [] No [] Yes [] No [] Yes [] No

REMARKS: [] Yes [] No Add'l Phone #: [] Yes [] No Add'l Fax #: [] Yes [] No

Chloride
BTX
TPH EXT



CARDINAL LABORATORIES

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(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: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17) Project Location: New Mexico Sampler Name: SIMON		State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy City: State: Zip: Phone #: Fax #:		BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:		ANALYSIS REQUEST															
FOR LAB USE ONLY		Lab I.D. H224933		Sample I.D.		MATRIX (G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :		PRESERV		SAMPLING											
BOTTOM SAMPLE 19@3' BOTTOM SAMPLE 19@4' BOTTOM SAMPLE 20@1' BOTTOM SAMPLE 20@2' BOTTOM SAMPLE 20@3' BOTTOM SAMPLE 20@4' BOTTOM SAMPLE 21@1' BOTTOM SAMPLE 21@2' BOTTOM SAMPLE 21@3' BOTTOM SAMPLE 21@4'		75 76 77 78 79 80 81 82 83 84		10/12/22 10/12/22 10/12/22 10/12/22 10/12/22 10/12/22 10/12/22 10/12/22 10/12/22 10/12/22		9:38AM 9:47AM 9:56AM 10:07AM 10:14AM 10:21AM 10:30AM 10:38AM 10:46AM 10:54AM		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		Chloride BTEX TPH EXT											

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Relinquished By: [Signature] **Date:** 10-20-22 **Received By:** [Signature] **Date:** 10-20-22

Relinquished By: [Signature] **Date:** 10-20-22 **Received By:** [Signature] **Date:** 10-20-22

Delivered By: (Circle One) **Time:** 11:45 **Sample Condition:** ☒ Intact ☐ Cool ☐ Yes ☐ No **CHECKED BY:** [Signature] **(Initials):** [Signature]

Sampler - UPS - Bus - Other: -0.4 c / -1.0 c

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(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. #:		Company: Oxy									
Address: P.O. Box 805		Attn:		Address:									
City: Hobbs		State: NM		Zip: 88241									
Phone #: 575-397-6388		Fax #: 575-397-0397		City:									
Project #:		Project Owner: Oxy		State:									
Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)		Phone #:		Zip:									
Project Location: New Mexico		Fax #:											
Sampler Name: SIMON													
FOR LAB USE ONLY													
Lab I.D.		Sample I.D.		MATRIX		PRESERV		SAMPLING					
H224933		BOTTOM SAMPLE 22@1'		(G)RAB OR (C)OMP.		DATE		TIME		Chloride			
85		BOTTOM SAMPLE 22@2'		# CONTAINERS		10/12/22		11:02AM		BT EX			
86		BOTTOM SAMPLE 22@3'		GROUNDWATER		10/12/22		11:12AM		TPH EXT			
87		BOTTOM SAMPLE 22@4'		WASTEWATER		10/12/22		11:20AM					
88		BOTTOM SAMPLE 23@1'		SOIL		10/12/22		11:29AM					
89		BOTTOM SAMPLE 23@2'		OIL		10/12/22		11:36AM					
90		BOTTOM SAMPLE 23@3'		SLUDGE		10/12/22		11:45AM					
91		BOTTOM SAMPLE 23@4'		OTHER :		10/12/22		11:54AM					
92		BOTTOM SAMPLE 24@1'		ACID/BASE:		10/12/22		12:03PM					
93		BOTTOM SAMPLE 24@2'		ICE / COOL		10/12/22		12:10PM					
94				OTHER :		10/12/22		12:19PM					
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Relinquished By:		Date: 10-20-22		Received By:		Date: 10-20-22		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:			
Relinquished By:		Time: 8:00 AM		Received By:		Time: 8:00 AM		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:			
Delivered By: (Circle One)		Time: 11:45		Received By:		Time: 11:45		REMARKS:					
Sampler - UPS - Bus - Other:		Sample Condition		CHECKED BY:		Initials							
Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>							



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

October 24, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SDS 11 FEDERAL #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 10/20/22 11:45.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly distinguishable.

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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 47 @ 1' (H224936-01)

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	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 47 @ 2' (H224936-02)

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	10/22/2022	ND	1.96	98.1	2.00	2.60	QR-03	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41	QR-03	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74	QR-03	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75	QR-03	
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 47 @ 3' (H224936-03)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.9 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 47 @ 4' (H224936-04)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

Cardinal Laboratories

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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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 1' (H224936-05)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 2' (H224936-06)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.9 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 3' (H224936-07)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 96.8 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 125 % 45.3-161

Surrogate: 1-Chlorooctadecane 138 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 48 @ 4' (H224936-08)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 1' (H224936-09)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 113 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 2' (H224936-10)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.1 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 3' (H224936-11)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 49 @ 4' (H224936-12)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.3 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 1' (H224936-13)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 2' (H224936-14)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 3' (H224936-15)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 50 @ 4' (H224936-16)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 98.7 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 1' (H224936-17)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 108 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 2' (H224936-18)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	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	32.0	16.0	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 109 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 3' (H224936-19)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 51 @ 4' (H224936-20)

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	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 118 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 52 @ 1' (H224936-21)

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	10/23/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/23/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.90	98.3	6.00	2.75		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 118 % 45.3-161

Surrogate: 1-Chlorooctadecane 140 % 46.3-178

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

Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 52 @ 2' (H224936-22)

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	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 124 % 45.3-161

Surrogate: 1-Chlorooctadecane 146 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 52 @ 3' (H224936-23)

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	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 116 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 52 @ 4' (H224936-24)

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	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 109 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 1' (H224936-25)

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	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 132 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 2' (H224936-26)

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	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 116 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 3' (H224936-27)

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	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 53 @ 4' (H224936-28)

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	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 126 % 45.3-161

Surrogate: 1-Chlorooctadecane 148 % 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:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 54 @ 1' (H224936-29)

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	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 126 % 45.3-161

Surrogate: 1-Chlorooctadecane 146 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/14/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 54 @ 2' (H224936-30)

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	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.6 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	200	100	200	3.84	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	203	102	200	6.40	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
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 "C. D. Keene", is written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)

Project Location: New Mexico

Sampler Name: SIMON

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

FOR LAB USE ONLY	Lab I.D.	Sample I.D.	MATRIX	PRESERV.	SAMPLING	DATE	TIME	Chloride	BTEX	TPH/EXT								
		1 BOTTOM SAMPLE 47@1'	(G)RAB OR (C)OMP.			10/13/22	3:44PM	✓	✓	✓								
		2 BOTTOM SAMPLE 47@2'	# CONTAINERS			10/13/22	3:50PM	✓	✓	✓								
		3 BOTTOM SAMPLE 47@3'	GROUNDWATER			10/13/22	3:57PM	✓	✓	✓								
		4 BOTTOM SAMPLE 47@4'	WASTEWATER			10/13/22	4:06PM	✓	✓	✓								
		5 BOTTOM SAMPLE 48@1'	SOIL	✓		10/14/22	8:16AM	✓	✓	✓								
		6 BOTTOM SAMPLE 48@2'	OIL			10/14/22	8:23AM	✓	✓	✓								
		7 BOTTOM SAMPLE 48@3'	SLUDGE			10/14/22	8:30AM	✓	✓	✓								
		8 BOTTOM SAMPLE 48@4'	OTHER :			10/14/22	8:38AM	✓	✓	✓								
		9 BOTTOM SAMPLE 49@1'	ACID/BASE:			10/14/22	8:42AM	✓	✓	✓								
		10 BOTTOM SAMPLE 49@2'	ICE / COOL	✓		10/14/22	8:50AM	✓	✓	✓								
			OTHER :															

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Relinquished By:

Date: 10/20/22

Received By:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS:

Relinquished By:

Date: 10/20/22

Received By:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS:

Delivered By: (Circle One)

Date: 10/20/22

Received By:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS:

Sampler - UPS - Bus - Other:

Date: 10/20/22

Received By:

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS:

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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 #: Project Owner: Oxy		State:															
Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)		Zip:															
Project Location: New Mexico		Phone #:															
Sampler Name: SIMON		Fax #:															
FOR LAB USE ONLY																	
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BTEX	TPH/EXT						
H224936	11 BOTTOM SAMPLE 49@3'						10/14/22	8:57AM	✓	✓	✓						
	12 BOTTOM SAMPLE 49@4'						10/14/22	9:06AM	✓	✓	✓						
	13 BOTTOM SAMPLE 50@1'						10/14/22	9:14AM	✓	✓	✓						
	14 BOTTOM SAMPLE 50@2'						10/14/22	9:20AM	✓	✓	✓						
	15 BOTTOM SAMPLE 50@3'						10/14/22	9:26AM	✓	✓	✓						
	16 BOTTOM SAMPLE 50@4'						10/14/22	9:31AM	✓	✓	✓						
	17 BOTTOM SAMPLE 51@1'						10/14/22	9:39AM	✓	✓	✓						
	18 BOTTOM SAMPLE 51@2'						10/14/22	9:46AM	✓	✓	✓						
	19 BOTTOM SAMPLE 51@3'						10/14/22	9:53AM	✓	✓	✓						
	20 BOTTOM SAMPLE 51@4'						10/14/22	10:00AM	✓	✓	✓						
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or from, shall be limited to the amount paid by the client for the analysis. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise.																	
Relinquished By: <i>[Signature]</i>		Date: 10-20-22		Received By: <i>[Signature]</i>		Date: 10-20-22		Time: 11:45		Sample Condition: <i>[Signature]</i>		CHECKED BY: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Delivered By: (Circle One) <i>[Signature]</i>		Date: 10-20-22		Received By: <i>[Signature]</i>		Date: 10-20-22		Time: 11:45		Sample Condition: <i>[Signature]</i>		CHECKED BY: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Sampler - UPS - Bus - Other: <i>[Signature]</i>		Date: 10-20-22		Received By: <i>[Signature]</i>		Date: 10-20-22		Time: 11:45		Sample Condition: <i>[Signature]</i>		CHECKED BY: <i>[Signature]</i>		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #: <input type="checkbox"/> Yes <input type="checkbox"/> No	
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476																	



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

BILL TO

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: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)

Project Location: New Mexico

Sampler Name: SIMON

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

H224934
21 BOTTOM SAMPLE 52@1'
22 BOTTOM SAMPLE 52@2'
23 BOTTOM SAMPLE 52@3'
24 BOTTOM SAMPLE 52@4'
25 BOTTOM SAMPLE 53@1'
26 BOTTOM SAMPLE 53@2'
27 BOTTOM SAMPLE 53@3'
28 BOTTOM SAMPLE 53@4'
29 BOTTOM SAMPLE 54@1'
30 BOTTOM SAMPLE 54@2'

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

DATE

TIME

DATE

TIME

DATE

TIME

DATE

TIME

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TIME

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TIME

Chloride
BTEX
TPH/EXT

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Relinquished By:

Date:

Received By:

Date:

Phone Result:

Fax Result:

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Relinquished By:

Date:

Received By:

Date:

Phone Result:

Fax Result:

Yes

No

Yes

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Yes

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Yes

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Yes

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Yes

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Yes

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Yes

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Yes

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Yes

No

Yes

No

Yes

No

Delivered By: (Circle One)

Date:

Received By:

Date:

Phone Result:

Fax Result:

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

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Yes

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Yes

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Yes

No

Yes

No

Sampler - UPS - Bus - Other:

Date:

Received By:

Date:

Phone Result:

Fax Result:

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

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

October 24, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SDS 11 FEDERAL #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 10/20/22 11:45.

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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 3' (H224935-01)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTEX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 24 @ 4' (H224935-02)

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	10/23/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 92.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 1' (H224935-03)

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	10/23/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 89.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 2' (H224935-04)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 3' (H224935-05)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 73.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.9 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 25 @ 4' (H224935-06)

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	10/23/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 1' (H224935-07)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 93.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 2' (H224935-08)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 90.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 3' (H224935-09)

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	10/23/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 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	10/21/2022	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	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 26 @ 4' (H224935-10)

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	10/23/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	10/21/2022	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	10/21/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 88.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 1' (H224935-11)

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	10/23/2022	ND	2.12	106	2.00	2.42	
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48	
Total BTX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 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	10/21/2022	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	10/21/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 2' (H224935-12)

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	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 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	10/21/2022	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	10/21/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 3' (H224935-13)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	10/21/2022	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	10/21/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 27 @ 4' (H224935-14)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	10/21/2022	ND	416	104	400	3.77	QM-07	

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	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 82.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 1' (H224935-15)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 2' (H224935-16)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 3' (H224935-17)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 98.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 28 @ 4' (H224935-18)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 94.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 1' (H224935-19)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 94.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 2' (H224935-20)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 88.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 3' (H224935-21)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 78.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 29 @ 4' (H224935-22)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 1' (H224935-23)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 97.7 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 2' (H224935-24)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 88.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 3' (H224935-25)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 102 % 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:	10/20/2022	Sampling Date:	10/12/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 30 @ 4' (H224935-26)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 1' (H224935-27)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 2' (H224935-28)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 3' (H224935-29)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.1 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 31 @ 4' (H224935-30)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.0 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 1' (H224935-31)

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	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 2' (H224935-32)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 3' (H224935-33)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 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	10/21/2022	ND	416	104	400	3.77		

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 32 @ 4' (H224935-34)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 1' (H224935-35)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEx	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 97.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 2' (H224935-36)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 102 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 3' (H224935-37)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.6 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 105 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 33 @ 4' (H224935-38)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 103 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 1' (H224935-39)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 104 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 2' (H224935-40)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 108 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 3' (H224935-41)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 34 @ 4' (H224935-42)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 1' (H224935-43)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEx	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 112 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 2' (H224935-44)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.9 % 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
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 3' (H224935-45)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEx	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 110 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 35 @ 4' (H224935-46)

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	10/22/2022	ND	2.25	112	2.00	5.94	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92	
Total BTEx	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 1' (H224935-47)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 105 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 2' (H224935-48)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 3' (H224935-49)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/22/2022	ND	207	104	200	8.11	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 36 @ 4' (H224935-50)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.1 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/21/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 1' (H224935-51)

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	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/21/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 97.1 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 2' (H224935-52)

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	10/22/2022	ND	2.27	113	2.00	0.620	QR-03	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	QR-03	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	QR-03	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.7 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/21/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 98.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 3' (H224935-53)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 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	10/21/2022	ND	384	96.0	400	8.00		

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	10/21/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 37 @ 4' (H224935-54)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 38 @ 1' (H224935-55)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 38 @ 2' (H224935-56)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 38 @ 3' (H224935-57)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 88.8 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 38 @ 4' (H224935-58)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 1' (H224935-59)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 2' (H224935-60)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 88.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 3' (H224935-61)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 96.0 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 39 @ 4' (H224935-62)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.4 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 99.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 1' (H224935-63)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.0 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 2' (H224935-64)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 3' (H224935-65)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 40 @ 4' (H224935-66)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 93.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 1' (H224935-67)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.5 % 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	10/21/2022	ND	400	100	400	7.69	

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 95.0 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 2' (H224935-68)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 92.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 3' (H224935-69)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 41 @ 4' (H224935-70)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	QM-07
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 92.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 1' (H224935-71)

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	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTEx	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 2' (H224935-72)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 3' (H224935-73)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	10/21/2022	ND	400	100	400	7.69		

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	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 95.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 42 @ 4' (H224935-74)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 91.4 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 @ 1' (H224935-75)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.7 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 @ 2' (H224935-76)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 @ 3' (H224935-77)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.0 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 43 @ 4' (H224935-78)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 80.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 1' (H224935-79)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 2' (H224935-80)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 3' (H224935-81)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 44 @ 4' (H224935-82)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 1' (H224935-83)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 90.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.5 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 2' (H224935-84)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 95.7 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 96.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 3' (H224935-85)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 99.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 45 @ 4' (H224935-86)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.9 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 96.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 1' (H224935-87)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 97.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 2' (H224935-88)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 3' (H224935-89)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 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:	10/20/2022	Sampling Date:	10/13/2022
Reported:	10/24/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 46 @ 4' (H224935-90)

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	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEx	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	10/21/2022	ND	400	100	400	3.92		

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	10/21/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
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:											
State: NM Zip: 88241		Address:											
Phone #: 575-397-6388		City:											
Fax #: 575-397-0397		State:											
Project #:		Zip:											
Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)		Phone #:											
Project Location: New Mexico		Fax #:											
Sampler Name: SIMON													
<small>FOR LAB USE ONLY</small>													
Lab I.D.		Sample I.D.		MATRIX		PRESERV		SAMPLING					
H224935		BOTTOM SAMPLE 24@3'		(G)RAB OR (C)OMP.		DATE		TIME		Chloride			
1		BOTTOM SAMPLE 24@4'		# CONTAINERS		10/12/22		12:25PM		BTEX			
2		BOTTOM SAMPLE 25@1'		GROUNDWATER		10/12/22		12:31PM		TPH EXT			
3		BOTTOM SAMPLE 25@2'		WASTEWATER		10/12/22		12:40PM					
4		BOTTOM SAMPLE 25@3'		SOIL		10/12/22		12:49PM					
5		BOTTOM SAMPLE 25@4'		OIL		10/12/22		12:56PM					
6		BOTTOM SAMPLE 26@1'		SLUDGE		10/12/22		1:05PM					
7		BOTTOM SAMPLE 26@2'		OTHER :		10/12/22		1:14PM					
8		BOTTOM SAMPLE 26@3'		ACID/BASE:		10/12/22		1:20PM					
9		BOTTOM SAMPLE 26@4'		ICE / COOL		10/12/22		1:26PM					
10		BOTTOM SAMPLE 26@4'		OTHER :		10/12/22		1:32PM					
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Relinquished By:		Date: 10-20-22		Received By:		Date: 10-20-22		Time: 8:00 AM		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:			
Shael + Ann		10-20-22		Shael + Ann		10-20-22		8:00 AM		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:			
Relinquished By:		Date: 10-20-22		Received By:		Date: 10-20-22		Time: 7:45 AM		REMARKS:			
Shael + Ann		10-20-22		Shael + Ann		10-20-22		7:45 AM					
Delivered By: (Circle One)		Sample Condition		CHECKED BY:		Initials		Checked By					
Sampler - UPS - Bus - Other: -0.4' -1.0'		<input type="checkbox"/> Cool <input type="checkbox"/> Intact		Shael + Ann		#113		Shael + Ann					
		<input type="checkbox"/> Yes <input type="checkbox"/> No											

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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: NM																						
Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)		Zip: 88241																						
Project Location: New Mexico		Phone #:																						
Sampler Name: SIMON		Fax #:																						
<small>FOR LAB USE ONLY</small>																								
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX			PRESERV	SAMPLING																
				GROUNDWATER	WASTEWATER	SOIL	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME												
	BOTTOM SAMPLE 27@1'										10/12/22	1:40PM	✓	Chloride	✓									
	BOTTOM SAMPLE 27@2'										10/12/22	1:50PM	✓	BTEX	✓									
	BOTTOM SAMPLE 27@3'										10/12/22	1:57PM	✓	TPH EXT	✓									
	BOTTOM SAMPLE 27@4'										10/12/22	2:04PM	✓		✓									
	BOTTOM SAMPLE 28@1'										10/12/22	2:10PM	✓		✓									
	BOTTOM SAMPLE 28@2'										10/12/22	2:17PM	✓		✓									
	BOTTOM SAMPLE 28@3'										10/12/22	2:23PM	✓		✓									
	BOTTOM SAMPLE 28@4'										10/12/22	2:29PM	✓		✓									
	BOTTOM SAMPLE 29@1'										10/12/22	2:37PM	✓		✓									
	BOTTOM SAMPLE 29@2'										10/12/22	2:45PM	✓		✓									
<small>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 analysis. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business 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 hereunder by Cardinal, regardless of whether such claim is brought upon any of the above stated persons or otherwise.</small>																								
Relinquished By:		Date: 10-20-22	Received By:																					
Relinquished By:		Time: 8:00 AM	Received By:																					
Delivered By: (Circle One)		Date: 10-20-22	Received By:																					
Delivered By: (Circle One)		Time: 11:45	Received By:																					
Sampler - UPS - Bus - Other:																								
Sample Condition																								
CHECKED BY: (Initials)																								
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No																								
Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No																								
REMARKS:																								

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(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: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)

Project Location: New Mexico

Sampler Name: SIMON

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS REQUEST
H224935	21 BOTTOM SAMPLE 29@3'								10/12/22	2:52PM	✓
	20 BOTTOM SAMPLE 29@4'								10/12/22	2:59PM	✓
	23 BOTTOM SAMPLE 30@1'								10/12/22	3:06PM	✓
	24 BOTTOM SAMPLE 30@2'								10/12/22	3:14PM	✓
	25 BOTTOM SAMPLE 30@3'								10/12/22	3:20PM	✓
	26 BOTTOM SAMPLE 30@4'								10/12/22	3:28PM	✓
	27 BOTTOM SAMPLE 31@1'								10/13/22	8:20AM	✓
	28 BOTTOM SAMPLE 31@2'								10/13/22	8:27AM	✓
	29 BOTTOM SAMPLE 31@3'								10/13/22	8:35AM	✓
	30 BOTTOM SAMPLE 31@4'								10/13/22	8:42AM	✓

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Relinquished By:

Date: 10-20-22 Received By: [Signature]

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

Relinquished By:

Date: 10-20-22 Received By: [Signature]

Delivered By: (Circle One)

Sampler - UPS - Bus - Other: -04/-10°C

Cool Intact ☐ Yes ☐ No
Sample Condition ☐ Yes ☐ No

CHECKED BY: [Signature]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)

Project Location: New Mexico

Sampler Name: SIMON

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BTEX	TPH/EXT								
H224935	31 BOTTOM SAMPLE 32@1'			GROUNDWATER			10/13/22	8:50AM	✓	✓	✓								
	32 BOTTOM SAMPLE 32@2'			WASTEWATER			10/13/22	9:00AM	✓	✓	✓								
	33 BOTTOM SAMPLE 32@3'			SOIL			10/13/22	9:10AM	✓	✓	✓								
	34 BOTTOM SAMPLE 32@4'			OIL			10/13/22	9:16AM	✓	✓	✓								
	35 BOTTOM SAMPLE 33@1'			SLUDGE			10/13/22	9:23AM	✓	✓	✓								
	36 BOTTOM SAMPLE 33@2'			OTHER :			10/13/22	9:29AM	✓	✓	✓								
	37 BOTTOM SAMPLE 33@3'			ACID/BASE:			10/13/22	9:36AM	✓	✓	✓								
	38 BOTTOM SAMPLE 33@4'			ICE / COOL			10/13/22	9:42AM	✓	✓	✓								
	39 BOTTOM SAMPLE 34@1'			OTHER :			10/13/22	9:50AM	✓	✓	✓								
	40 BOTTOM SAMPLE 34@2'						10/13/22	9:57AM	✓	✓	✓								

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Relinquished By:

Date: 10-20-22 Received By:

Time: 8:00am

Date: 10-20-22 Received By:

Time: 11:45

Date: 10-20-22 Received By:

Time: 11:45

Date: 10-20-22 Received By:

Time: 11:45

Sample Condition

Cool Intact

Yes Yes

No No

Checked By:

(Initials)

YD

Phone Result: ☐ Yes ☐ No Add'l Phone #:

Fax Result: ☐ Yes ☐ No Add'l Fax #:

REMARKS:

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**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.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)

Project Location: New Mexico

Sampler Name: SIMON

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

BILL TO**ANALYSIS REQUEST**

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME	ANALYSIS REQUEST
H224935	41 BOTTOM SAMPLE 34@3'												10/13/22	10:05AM	Chloride
	42 BOTTOM SAMPLE 34@4'												10/13/22	10:12AM	BTEX
	43 BOTTOM SAMPLE 35@1'												10/13/22	10:20AM	TRNEXT
	44 BOTTOM SAMPLE 35@2'												10/13/22	10:26AM	
	45 BOTTOM SAMPLE 35@3'												10/13/22	10:32AM	
	46 BOTTOM SAMPLE 35@4'												10/13/22	10:39AM	
	47 BOTTOM SAMPLE 36@1'												10/13/22	10:46AM	
	48 BOTTOM SAMPLE 36@2'												10/13/22	10:54AM	
	49 BOTTOM SAMPLE 36@3'												10/13/22	11:02AM	
	50 BOTTOM SAMPLE 36@4'												10/13/22	11:10AM	

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Relinquished By:

Date:

Received By:

Phone Result:

Yes ☐ No ☐

Add'l Phone #:

REMARKS:

Yes ☐ No ☐

Add'l Fax #:

Relinquished By:

Date:

Received By:

Phone Result:

Yes ☐ No ☐

Add'l Phone #:

Delivered By: (Circle One)

Date:

Received By:

Phone Result:

Yes ☐ No ☐

Add'l Phone #:

Sampler - UPS - Bus - Other: -0.4°C/-6.0°C

Date:

Received By:

Phone Result:

Yes ☐ No ☐

Add'l Phone #:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

FOR LAB USE ONLY

DATE	TIME	✓	✓	✓	✓	✓	✓
10/13/22	11:18AM	✓	✓	✓	✓	✓	✓
10/13/22	11:24AM	✓	✓	✓	✓	✓	✓
10/13/22	11:30AM	✓	✓	✓	✓	✓	✓
10/13/22	11:37AM	✓	✓	✓	✓	✓	✓
10/13/22	11:44AM	✓	✓	✓	✓	✓	✓
10/13/22	11:50AM	✓	✓	✓	✓	✓	✓
10/13/22	11:57AM	✓	✓	✓	✓	✓	✓
10/13/22	12:07PM	✓	✓	✓	✓	✓	✓
10/13/22	12:12PM	✓	✓	✓	✓	✓	✓
10/13/22	12:19PM	✓	✓	✓	✓	✓	✓

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result: ☐ Yes ☐ No Add'l Phone #

is:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 99 of 101

**CARDINAL LABORATORIES**

101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.

Project Manager: Cliff Brunson

Address: P.O. Box 805

City: Hobbs

Phone #: 575-397-6388

Project #:

Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)

Project Location: New Mexico

Sampler Name: SIMON

BILL TO

P.O. #:

Company: Oxy

Attn:

Address:

City:

State: Zip:

Phone #:

Fax #:

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BTEX	TRVEXT
4224935	BOTTOM SAMPLE 42@1'						10/13/22	1:32PM	✓	✓	✓
	BOTTOM SAMPLE 42@2'						10/13/22	1:40PM	✓	✓	✓
	BOTTOM SAMPLE 42@3'						10/13/22	1:46PM	✓	✓	✓
	BOTTOM SAMPLE 42@4'						10/13/22	1:52PM	✓	✓	✓
	BOTTOM SAMPLE 43@1'						10/13/22	2:00PM	✓	✓	✓
	BOTTOM SAMPLE 43@2'						10/13/22	2:07PM	✓	✓	✓
	BOTTOM SAMPLE 43@3'						10/13/22	2:14PM	✓	✓	✓
	BOTTOM SAMPLE 43@4'						10/13/22	2:19PM	✓	✓	✓
	BOTTOM SAMPLE 44@1'						10/13/22	2:25PM	✓	✓	✓
	BOTTOM SAMPLE 44@2'						10/13/22	2:32PM	✓	✓	✓

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Relinquished By:

Date: 10-20-22 Received By:

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

Relinquished By:

Date: 10-20-22 Received By:

Delivered By: (Circle One)

Date: 10-20-22 Received By:

Sampler - UPS - Bus - Other:

Date: 10-20-22 Received By:

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Date: 10-20-22 Received By:



CARDINAL LABORATORIES

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(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 Fax #: 575-397-0397 State: NM Zip: 88241 Project #: Project Owner: Oxy Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17) Project Location: New Mexico Sampler Name: SIMON		P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:	
FOR LAB USE ONLY		BILL TO	
Lab I.D. Sample I.D.		ANALYSIS REQUEST	
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 categories of damages.		DATE TIME	
Relinquished By: <i>[Signature]</i> Date: 10-20-22 Received By: <i>[Signature]</i> Date: 10-20-22		REMARKS:	
Relinquished By: <i>[Signature]</i> Date: 10-20-22 Received By: <i>[Signature]</i> Date: 10-20-22		REMARKS:	
Delivered By: (Circle One) <i>[Signature]</i> Date: 10-20-22 Received By: <i>[Signature]</i> Date: 10-20-22		REMARKS:	
Sampler - UPS - Bus - Other: -0.4°C / -1.0°C		REMARKS:	
Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476		REMARKS:	



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

October 26, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SDS 11 FEDERAL #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 10/20/22 14:20.

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 fluid and cursive, with the first name "Celey" and last name "Keene" clearly legible.

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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 3' (H224942-01)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	10/24/2022	ND	400	100	400	3.92	

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 4' (H224942-02)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.8 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 1' (H224942-03)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 2' (H224942-04)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/24/2022	ND	400	100	400	3.92	

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 106 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 3' (H224942-05)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/24/2022	ND	400	100	400	3.92	

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 4' (H224942-06)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 1 (H224942-07)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	96.0	16.0	10/24/2022	ND	400	100	400	3.92	

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 2 (H224942-08)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 98.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 3 (H224942-09)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	10/24/2022	ND	400	100	400	3.92	

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 46.3-178

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 4 (H224942-10)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 96.9 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 5 (H224942-11)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 6 (H224942-12)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 7 (H224942-13)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 8 (H224942-14)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 9 (H224942-15)

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	10/25/2022	ND	1.91	95.5	2.00	0.856		
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	

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	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 10 (H224942-16)

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	10/25/2022	ND	1.91	95.5	2.00	0.856		
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06		
Total BTX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 113 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 11 (H224942-17)

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	10/25/2022	ND	1.91	95.5	2.00	0.856		
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 108 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 12 (H224942-18)

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	10/25/2022	ND	1.91	95.5	2.00	0.856		
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 107 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 13 (H224942-19)

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	10/25/2022	ND	1.91	95.5	2.00	0.856		
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 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	10/24/2022	ND	416	104	400	0.00		

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	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 118 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 14 (H224942-20)

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	10/25/2022	ND	1.91	95.5	2.00	0.856		
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06		
Total BTX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	10/24/2022	ND	416	104	400	0.00		

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	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 116 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "C. D. Keene", written over a horizontal line.

Celey D. Keene, Lab Director/Quality Manager



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: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17) Project Location: New Mexico Sampler Name: SIMON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				BILL TO			
Lab I.D.				Sample I.D.			
H224942				(G)RAB OR (C)OMP.			
BOTTOM SAMPLE 101@3'				# CONTAINERS			
BOTTOM SAMPLE 101@4'				GROUNDWATER			
BOTTOM SAMPLE 102@1'				WASTEWATER			
BOTTOM SAMPLE 102@2'				SOIL			
BOTTOM SAMPLE 102@3'				OIL			
BOTTOM SAMPLE 102@4'				SLUDGE			
SIDEWALL 1				OTHER :			
SIDEWALL 2				ACID/BASE:			
SIDEWALL 3				ICE / COOL			
SIDEWALL 4				OTHER :			
DATE				TIME			
10/19/22				12:54PM			
10/19/22				1:05PM			
10/19/22				1:14PM			
10/19/22				1:20PM			
10/19/22				1:26PM			
10/19/22				1:34PM			
10/19/22				1:41PM			
10/19/22				1:50PM			
10/19/22				1:58PM			
10/19/22				2:09PM			
MATRIX				PRESERV.			
SAMPLING				ANALYSIS REQUEST			
Chloride				BTEX			
TPH/EXT				TPH/EXT			
REMARKS:				Add'l Phone #:			
Add'l Fax #:				Add'l Phone #:			
Add'l Fax #:				Add'l Phone #:			



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		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 #: Project Owner: Oxy		State: Zip:																																	
Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)		Phone #:																																	
Project Location: New Mexico		Fax #:																																	
Sampler Name: SIMON																																			
FOR LAB USE ONLY																																			
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		Chloride		BTEX		TPW EXT	
H24942		11		SIDEWALL 5		b1						✓														10/19/22		2:16PM		✓		✓		✓	
12		SIDEWALL 6																								10/19/22		2:25PM		✓		✓		✓	
13		SIDEWALL 7																								10/19/22		2:34PM		✓		✓		✓	
14		SIDEWALL 8																								10/19/22		2:42PM		✓		✓		✓	
15		SIDEWALL 9																								10/19/22		2:50PM		✓		✓		✓	
16		SIDEWALL 10																								10/19/22		2:57PM		✓		✓		✓	
17		SIDEWALL 11																								10/19/22		3:07PM		✓		✓		✓	
18		SIDEWALL 12																								10/19/22		3:16PM		✓		✓		✓	
19		SIDEWALL 13																								10/19/22		3:27PM		✓		✓		✓	
20		SIDEWALL 14																								10/19/22		3:35PM		✓		✓		✓	
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Relinquished By:		Date: 10-20-22		Received By:		Date: 10-20-22		Time: 10:00 AM		Time: 10:00 AM		Sample Condition		Cool		Intact		Checked By: (Initials)		Phone Result:		Fax Result:		REMARKS:		Add'l Phone #:		Add'l Fax #:							
Relinquished By: [Signature]		Date: 10-20-22		Received By: [Signature]		Date: 10-20-22		Time: 10:00 AM		Time: 10:00 AM		Sample Condition		Cool		Intact		Checked By: (Initials)		Phone Result:		Fax Result:		REMARKS:		Add'l Phone #:		Add'l Fax #:							
Delivered By: (Circle One)		Date: 10-20-22		Received By: [Signature]		Date: 10-20-22		Time: 10:00 AM		Time: 10:00 AM		Sample Condition		Cool		Intact		Checked By: (Initials)		Phone Result:		Fax Result:		REMARKS:		Add'l Phone #:		Add'l Fax #:							
Sampler - UPS - Bus - Other:		Date: 10-20-22		Received By: [Signature]		Date: 10-20-22		Time: 10:00 AM		Time: 10:00 AM		Sample Condition		Cool		Intact		Checked By: (Initials)		Phone Result:		Fax Result:		REMARKS:		Add'l Phone #:		Add'l Fax #:							
-7.3c / -7.9c		Date: 10-20-22		Received By: [Signature]		Date: 10-20-22		Time: 10:00 AM		Time: 10:00 AM		Sample Condition		Cool		Intact		Checked By: (Initials)		Phone Result:		Fax Result:		REMARKS:		Add'l Phone #:		Add'l Fax #:							
† Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476																																			



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

October 27, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SDS 11 FEDERAL #1 SWD

Enclosed are the results of analyses for samples received by the laboratory on 10/20/22 14:20.

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, flowing style.

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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 79 @ 1' (H224941-01)

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	10/24/2022	ND	2.07	104	2.00	11.9	
Toluene*	<0.050	0.050	10/24/2022	ND	2.20	110	2.00	9.47	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.07	103	2.00	11.8	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.28	105	6.00	13.1	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	10/24/2022	ND	432	108	400	0.00	

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	10/24/2022	ND	206	103	200	5.94	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	192	95.8	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 79 @ 2' (H224941-02)

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	10/24/2022	ND	2.07	104	2.00	11.9		
Toluene*	<0.050	0.050	10/24/2022	ND	2.20	110	2.00	9.47		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.07	103	2.00	11.8		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.28	105	6.00	13.1		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 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	10/24/2022	ND	432	108	400	0.00		

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	10/24/2022	ND	206	103	200	5.94	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	192	95.8	200	7.23	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 98.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 79 @ 3' (H224941-03)

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	10/24/2022	ND	2.07	104	2.00	11.9		
Toluene*	<0.050	0.050	10/24/2022	ND	2.20	110	2.00	9.47		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.07	103	2.00	11.8		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.28	105	6.00	13.1		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 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	10/24/2022	ND	432	108	400	0.00		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.0 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 79 @ 4' (H224941-04)

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	10/24/2022	ND	2.07	104	2.00	11.9		
Toluene*	<0.050	0.050	10/24/2022	ND	2.20	110	2.00	9.47		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.07	103	2.00	11.8		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.28	105	6.00	13.1		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	10/24/2022	ND	432	108	400	0.00		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 1' (H224941-05)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	10/24/2022	ND	432	108	400	0.00		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 89.2 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 2' (H224941-06)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	10/24/2022	ND	432	108	400	0.00		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 3' (H224941-07)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 4' (H224941-08)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 98.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 81 @ 1' (H224941-09)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 81 @ 2' (H224941-10)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 97.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 81 @ 3' (H224941-11)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 81 @ 4' (H224941-12)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.5 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 82 @ 1' (H224941-13)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 98.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 82 @ 2' (H224941-14)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 82 @ 3' (H224941-15)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.8 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 99.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 82 @ 4' (H224941-16)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 83 @ 1' (H224941-17)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.4 % 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	10/24/2022	ND	400	100	400	3.92	

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 100 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 83 @ 2' (H224941-18)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.0 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 98.9 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 83 @ 3' (H224941-19)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 103 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 83 @ 4' (H224941-20)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.9 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 91.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.6 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 1' (H224941-21)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 2' (H224941-22)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.2 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 91.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.6 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 3' (H224941-23)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 4' (H224941-24)

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	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 112 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 85 @ 1' (H224941-25)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 98.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 85 @ 2' (H224941-26)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 85 @ 3' (H224941-27)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 117 % 45.3-161

Surrogate: 1-Chlorooctadecane 133 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 85 @ 4' (H224941-28)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 86 @ 1' (H224941-29)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 86 @ 2' (H224941-30)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 86 @ 3' (H224941-31)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 110 % 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
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 Fax To: (575) 397-0397

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 86 @ 4' (H224941-32)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.9 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 1' (H224941-33)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 2' (H224941-34)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 3' (H224941-35)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 4' (H224941-36)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 88 @ 1' (H224941-37)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 134 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 88 @ 2' (H224941-38)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 88 @ 3' (H224941-39)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 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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 Cliff Brunson
 P.O. Box 805
 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 88 @ 4' (H224941-40)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 89 @ 1' (H224941-41)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.6 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 89 @ 2' (H224941-42)

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	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 130 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 89 @ 3' (H224941-43)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 76.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.0 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 89 @ 4' (H224941-44)

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	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 1' (H224941-45)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.9 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 2' (H224941-46)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	10/24/2022	ND	416	104	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 3' (H224941-47)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 82.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.7 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 4' (H224941-48)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 1' (H224941-49)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 2' (H224941-50)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 89.5 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 3' (H224941-51)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 79.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.5 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 4' (H224941-52)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.8 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 92 @ 1' (H224941-53)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 88.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 92 @ 2' (H224941-54)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 81.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.1 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 92 @ 3' (H224941-55)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 83.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.8 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 92 @ 4' (H224941-56)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 1' (H224941-57)

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	10/24/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 2' (H224941-58)

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	10/25/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 76.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.6 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 3' (H224941-59)

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	10/25/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 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:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 4' (H224941-60)

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	10/25/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38	
Total BTEx	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 94 @ 1' (H224941-61)

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	10/25/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 81.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.1 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 94 @ 2' (H224941-62)

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	10/25/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.6 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.0 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 94 @ 3' (H224941-63)

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	10/25/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 95.7 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 94 @ 4' (H224941-64)

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	10/25/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.8 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 95 @ 1' (H224941-65)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 97.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 95 @ 2' (H224941-66)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 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	10/24/2022	ND	400	100	400	3.92		

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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 93.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.8 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 95 @ 3' (H224941-67)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 94.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 95 @ 4' (H224941-68)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.6 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.1 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 96 @ 1' (H224941-69)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.6 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 96 @ 2' (H224941-70)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 89.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.1 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 96 @ 3' (H224941-71)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 90.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 96 @ 4' (H224941-72)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 1' (H224941-73)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 2' (H224941-74)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 3' (H224941-75)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 102 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 4' (H224941-76)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 1' (H224941-77)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 2' (H224941-78)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 3' (H224941-79)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 115 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 4' (H224941-80)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 99 @ 1' (H224941-81)

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	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.5 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 99 @ 2' (H224941-82)

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	10/26/2022	ND	2.06	103	2.00	0.919		
Toluene*	<0.050	0.050	10/26/2022	ND	2.20	110	2.00	0.488		
Ethylbenzene*	<0.050	0.050	10/26/2022	ND	2.06	103	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/26/2022	ND	6.20	103	6.00	1.73		
Total BTX	<0.300	0.300	10/26/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	10/24/2022	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	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 99 @ 3' (H224941-83)

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	10/26/2022	ND	2.06	103	2.00	0.919		
Toluene*	<0.050	0.050	10/26/2022	ND	2.20	110	2.00	0.488		
Ethylbenzene*	<0.050	0.050	10/26/2022	ND	2.06	103	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/26/2022	ND	6.20	103	6.00	1.73		
Total BTEx	<0.300	0.300	10/26/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 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	10/24/2022	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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 99 @ 4' (H224941-84)

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	10/26/2022	ND	2.06	103	2.00	0.919		
Toluene*	<0.050	0.050	10/26/2022	ND	2.20	110	2.00	0.488		
Ethylbenzene*	<0.050	0.050	10/26/2022	ND	2.06	103	2.00	1.67		
Total Xylenes*	<0.150	0.150	10/26/2022	ND	6.20	103	6.00	1.73		
Total BTEx	<0.300	0.300	10/26/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 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	10/24/2022	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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 144 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 100 @ 1' (H224941-85)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTX	<0.300	0.300	10/25/2022	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	32.0	16.0	10/24/2022	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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 143 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 100 @ 2' (H224941-86)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	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	32.0	16.0	10/24/2022	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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 100 @ 3' (H224941-87)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 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	10/24/2022	ND	400	100	400	7.92		

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 136 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 100 @ 4' (H224941-88)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 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	10/24/2022	ND	400	100	400	7.92		

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 1' (H224941-89)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEx	<0.300	0.300	10/25/2022	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	48.0	16.0	10/24/2022	ND	400	100	400	7.92		

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 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:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 2' (H224941-90)

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	10/25/2022	ND	2.02	101	2.00	2.25		
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 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	10/24/2022	ND	400	100	400	7.92		

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	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

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



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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		BILL TO										ANALYSIS REQUEST																							
Project Manager: Cliff Brunson		Company: Oxy																																			
Address: P.O. Box 805		Attn:																																			
City: Hobbs		Address:																																			
State: NM Zip: 88241		City:																																			
Phone #: 575-397-6388		Fax #:																																			
Fax #: 575-397-0397		State:																																			
Project #:		Zip:																																			
Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)		Project Owner: Oxy																																			
Project Location: New Mexico		State:																																			
Sample Name: SIMON		Phone #:																																			
Fax #:		PRESERV																																			
FOR LAB USE ONLY		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		Chloride		BTX		TPH		EXT	
1		BOTTOM SAMPLE 79 @ 1'		1		1		1		1		1		1		1		1		1		1		1		10/18/22		8:20AM		✓		✓		✓			
2		BOTTOM SAMPLE 79 @ 2'		1		1		1		1		1		1		1		1		1		1		1		10/18/22		8:27AM		✓		✓		✓			
3		BOTTOM SAMPLE 79 @ 3'		1		1		1		1		1		1		1		1		1		1		1		10/18/22		8:36AM		✓		✓		✓			
4		BOTTOM SAMPLE 79 @ 4'		1		1		1		1		1		1		1		1		1		1		1		10/18/22		8:44AM		✓		✓		✓			
5		BOTTOM SAMPLE 80 @ 1'		1		1		1		1		1		1		1		1		1		1		1		10/18/22		8:51AM		✓		✓		✓			
6		BOTTOM SAMPLE 80 @ 2'		1		1		1		1		1		1		1		1		1		1		1		10/18/22		9:00AM		✓		✓		✓			
7		BOTTOM SAMPLE 80 @ 3'		1		1		1		1		1		1		1		1		1		1		1		10/18/22		9:08AM		✓		✓		✓			
8		BOTTOM SAMPLE 80 @ 4'		1		1		1		1		1		1		1		1		1		1		1		10/18/22		9:17AM		✓		✓		✓			
9		BOTTOM SAMPLE 81 @ 1'		1		1		1		1		1		1		1		1		1		1		1		10/18/22		9:26AM		✓		✓		✓			
10		BOTTOM SAMPLE 81 @ 2'		1		1		1		1		1		1		1		1		1		1		1		10/18/22		9:36AM		✓		✓		✓			

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Relinquished By: <i>[Signature]</i>	Date: 10-20-22	Received By: <i>[Signature]</i>	Date: 10-20-22	Time: 6:10pm	Time: 4:20	Sample Condition: <i>[Signature]</i>	CHECKED BY: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Phone #: <input type="checkbox"/> Yes <input type="checkbox"/> No	Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	Add'l Fax #: <input type="checkbox"/> Yes <input type="checkbox"/> No
Delivered By: (Circle One)	Time: 4:20	Time: 4:20	Time: 4:20	Time: 4:20	Time: 4:20	Time: 4:20	Time: 4:20	Time: 4:20	Time: 4:20	Time: 4:20	Time: 4:20
Sampler - UPS - Bus - Other: <i>[Signature]</i>	-7.3c/-7.9c	-7.3c/-7.9c	-7.3c/-7.9c	-7.3c/-7.9c	-7.3c/-7.9c	-7.3c/-7.9c	-7.3c/-7.9c	-7.3c/-7.9c	-7.3c/-7.9c	-7.3c/-7.9c	-7.3c/-7.9c

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

[illegible]



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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:											
State: NM Zip: 88241															
Fax #: 575-397-0397															
Project #: Project Owner: Oxy				City:											
Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)				State: Zip:											
Project Location: New Mexico				Phone #:											
Sampler Name: SIMON				Fax #:											
FOR LAB USE ONLY															
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		GROUNDWATER		WASTEWATER					
H224941		21		1		1		SOIL		OIL					
22		22		1		1		SLUDGE		OTHER :					
23		23		1		1		ACID/BASE:		ICE / COOL					
24		24		1		1		OTHER :							
25		25		1		1		DATE		TIME					
26		26		1		1		10/18/22		11:03AM					
27		27		1		1		10/18/22		11:10AM					
28		28		1		1		10/18/22		11:18AM					
29		29		1		1		10/18/22		11:26AM					
30		30		1		1		10/18/22		11:32AM					
BOTTOM SAMPLE 84 @ 1'		BOTTOM SAMPLE 84 @ 2'		BOTTOM SAMPLE 84 @ 3'		BOTTOM SAMPLE 84 @ 4'		10/18/22		11:39AM					
BOTTOM SAMPLE 85 @ 2'		BOTTOM SAMPLE 85 @ 3'		BOTTOM SAMPLE 85 @ 4'		BOTTOM SAMPLE 85 @ 1'		10/18/22		11:46AM					
BOTTOM SAMPLE 86 @ 1'		BOTTOM SAMPLE 86 @ 2'		BOTTOM SAMPLE 86 @ 3'		BOTTOM SAMPLE 86 @ 4'		10/18/22		11:52AM					
BOTTOM SAMPLE 86 @ 1'		BOTTOM SAMPLE 86 @ 2'		BOTTOM SAMPLE 86 @ 3'		BOTTOM SAMPLE 86 @ 4'		10/18/22		12:00PM					
BOTTOM SAMPLE 86 @ 2'		BOTTOM SAMPLE 86 @ 3'		BOTTOM SAMPLE 86 @ 4'		BOTTOM SAMPLE 86 @ 1'		10/18/22		12:08PM					
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Relinquished By: [Signature]				Date: 10-20-22				Received By: [Signature]				Date: 10-20-22			
Relinquished By: [Signature]				Time: 8:00 AM				Received By: [Signature]				Time: 10:20 AM			
Delivered By: (Circle One) [Signature]				Time: 10:20 AM				Received By: [Signature]				Time: 10:20 AM			
Sampler - UPS - Bus - Other: -7.3¢/-7.9¢				Sample Condition				Cool				Intact			
				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
CHECKED BY: [Signature]				INITIALS: [Signature]											
REMARKS:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Phone #:							
				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No				Add'l Fax #:							

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 State: NM Zip: 88241 Fax #: 575-397-0397 Project #: Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17) Project Location: New Mexico Sampler Name: SIMON				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST					
FOR LAB USE ONLY		Lab I.D.		Sample I.D.		Matrix GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER:		Preserv ACID/BASE: ICE / COOL OTHER:		SAMPLING DATE TIME		Chloride BTEX TPH/EXT	
BOTTOM SAMPLE 86 @ 3' BOTTOM SAMPLE 86 @ 4' BOTTOM SAMPLE 87 @ 1' BOTTOM SAMPLE 87 @ 2' BOTTOM SAMPLE 87 @ 3' BOTTOM SAMPLE 87 @ 4' BOTTOM SAMPLE 88 @ 1' BOTTOM SAMPLE 88 @ 2' BOTTOM SAMPLE 88 @ 3' BOTTOM SAMPLE 88 @ 4'		(G)RAB OR (C)OMP. # CONTAINERS		DATE TIME		10/18/22 12:15PM 10/18/22 12:23PM 10/18/22 12:31PM 10/18/22 12:40PM 10/18/22 12:49PM 10/18/22 12:56PM 10/18/22 1:07PM 10/18/22 1:15PM 10/18/22 1:22PM 10/18/22 1:30PM		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓			
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Relinquished By: [Signature] Date: 10/20/22 Time: 8:00 PM				Received By: [Signature] Date: 10/20/22 Time: 1420				Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Relinquished By: [Signature] Date: 10/20/22 Time: 1420				Received By: [Signature] Date: 10/20/22 Time: 1420				Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>					
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -7.3°C / -7.9°C				Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				CHECKED BY: [Signature] (Initials)					
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #: _____ REMARKS:													

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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 Zip: 88241							Address:														
Phone #: 575-397-6388 Fax #: 575-397-0397							City:														
Project #:							State:														
Project Owner: Oxy							Zip:														
Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)							Phone #:														
Project Location: New Mexico							Fax #:														
Sampler Name: SIMON																					
FOR LAB USE ONLY																					
Lab I.D. Sample I.D.		(G)RAB OR (C)OMP. # CONTAINERS		MATRIX						PRESERV.		SAMPLING									
				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :																	
		(G)RAB OR (C)OMP. # CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :	DATE	TIME								
H724941	BOTTOM SAMPLE 89 @ 1'	d										10/18/22	1:37PM	✓	Chloride	✓					
41	BOTTOM SAMPLE 89 @ 2'											10/18/22	1:45PM	✓	BIEX	✓					
42	BOTTOM SAMPLE 89 @ 3'											10/18/22	1:54PM	✓	TPHEXT	✓					
43	BOTTOM SAMPLE 89 @ 4'											10/18/22	2:06PM	✓		✓					
44	BOTTOM SAMPLE 90 @ 1'											10/18/22	2:14PM	✓		✓					
45	BOTTOM SAMPLE 90 @ 2'											10/18/22	2:21PM	✓		✓					
46	BOTTOM SAMPLE 90 @ 3'											10/18/22	2:30PM	✓		✓					
47	BOTTOM SAMPLE 90 @ 4'											10/18/22	2:39PM	✓		✓					
48	BOTTOM SAMPLE 91 @ 1'											10/18/22	2:48PM	✓		✓					
49	BOTTOM SAMPLE 91 @ 2'											10/18/22	2:57PM	✓		✓					
50	BOTTOM SAMPLE 91 @ 2'											10/18/22	2:57PM	✓		✓					
<small>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 service. 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 hereunder by Cardinal regardless of whether such claim is based upon any of the above stated reasons or otherwise.</small>																					
Relinquished By:		Date: 10-20-22	Received By:																		
Relinquished By:		Date: 10-20-22	Received By:																		
Delivered By: (Circle One) #113 Sample Condition		Date: 10-20-22	Received By:																		
Sampler - UPS - Bus - Other: -7.3°C/-7.9°C		Date: 10-20-22	Received By:																		
Cool <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																					
Contact <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>																					
CHECKED BY: (Initials)																					
REMARKS:																					



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs State: NM Zip: 88241 Phone #: 575-397-6388 Fax #: 575-397-0397 Project #: Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17) Project Location: New Mexico Sampler Name: SIMON				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
FOR LAB USE ONLY				BILL TO			
Lab I.D.				Sample I.D.			
H224944				(G)RAB OR (C)OMP			
51 BOTTOM SAMPLE 91 @ 3'				# CONTAINERS			
52 BOTTOM SAMPLE 91 @ 4'				GROUNDWATER			
53 BOTTOM SAMPLE 92 @ 1'				WASTEWATER			
54 BOTTOM SAMPLE 92 @ 2'				SOIL			
55 BOTTOM SAMPLE 92 @ 3'				OIL			
56 BOTTOM SAMPLE 92 @ 4'				SLUDGE			
57 BOTTOM SAMPLE 93 @ 1'				OTHER :			
58 BOTTOM SAMPLE 93 @ 2'				ACID/BASE:			
59 BOTTOM SAMPLE 93 @ 3'				ICE / COOL			
60 BOTTOM SAMPLE 93 @ 4'				OTHER :			
DATE				TIME			
10/18/22				3:07PM			
10/18/22				3:15PM			
10/18/22				3:24PM			
10/18/22				3:35PM			
10/18/22				3:44PM			
10/18/22				3:55PM			
10/18/22				4:03PM			
10/18/22				4:10PM			
10/18/22				4:16PM			
10/18/22				4:22PM			
Chloride				BTX			
TPHEXT				Add'l Phone #:			
Add'l Fax #:				REMARKS:			



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 99 of 101



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		BILL TO										ANALYSIS REQUEST																									
Project Manager: Cliff Brunson		Company: Oxy																																					
Address: P.O. Box 805		Attn:																																					
City: Hobbs		Address:																																					
Phone #: 575-397-6388		State: NM Zip: 88241																																					
Fax #: 575-397-0397		City:																																					
Project #:		Project Owner: Oxy																																					
Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)		State: Zip:																																					
Project Location: New Mexico		Phone #:																																					
Sample Name: SIMON		Fax #:																																					
FOR LAB USE ONLY																																							
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											
H224941		71		BOTTOM SAMPLE 96@3'		6																				10/19/22		9:54AM		Chloride									
72		BOTTOM SAMPLE 96@4'																								10/19/22		10:05AM		BTX									
73		BOTTOM SAMPLE 97@1'																								10/19/22		10:14AM		TPH/EXT									
74		BOTTOM SAMPLE 97@2'																								10/19/22		10:22AM											
75		BOTTOM SAMPLE 97@3'																								10/19/22		10:30AM											
76		BOTTOM SAMPLE 97@4'																								10/19/22		10:39AM											
77		BOTTOM SAMPLE 98@1'																								10/19/22		10:48AM											
78		BOTTOM SAMPLE 98@2'																								10/19/22		11:00AM											
79		BOTTOM SAMPLE 98@3'																								10/19/22		11:10AM											
80		BOTTOM SAMPLE 98@4'																								10/19/22		11:17AM											

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any loss 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 claims 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 contract or tort.

Relinquished By: *[Signature]* Date: 10-20-22 Received By: *[Signature]* Date: 10-20-22

Relinquished By: *[Signature]* Date: 10-20-22 Received By: *[Signature]* Date: 10-20-22

Delivered By: (Circle One) *[Signature]* Time: 4:20 PM Sample Condition: *[Signature]* Checked By: *[Signature]*

Sampler - UPS - Bus - Other: *-7.3e/-7.9e* Sample Condition: *[Signature]* Checked By: *[Signature]*

Phone Result: ☐ Yes ☐ No Add'l Phone #: *90*

Fax Result: ☐ Yes ☐ No Add'l Fax #: *90*

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.		P.O. #:		BILL TO									
Project Manager: Cliff Brunson		Company: Oxy		ANALYSIS REQUEST									
Address: P.O. Box 805		Attn:											
City: Hobbs		Address:											
Phone #: 575-397-6388		Fax #:											
State: NM zip: 88241		City:											
Project #:		State:											
Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)		Zip:											
Project Location: New Mexico		Phone #:											
Sampler Name: SIMON		Fax #:											

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
4224941	BOTTOM SAMPLE 99@1'		1							10/19/22	11:25AM	Chloride
81	BOTTOM SAMPLE 99@2'		1							10/19/22	11:35AM	BTEX
82	BOTTOM SAMPLE 99@3'		1							10/19/22	11:44AM	TPH EXT
83	BOTTOM SAMPLE 99@4'		1							10/19/22	11:52AM	
84	BOTTOM SAMPLE 100@1'		1							10/19/22	12:02PM	
85	BOTTOM SAMPLE 100@2'		1							10/19/22	12:10PM	
86	BOTTOM SAMPLE 100@3'		1							10/19/22	12:19PM	
87	BOTTOM SAMPLE 100@4'		1							10/19/22	12:27PM	
88	BOTTOM SAMPLE 101@1'		1							10/19/22	12:36PM	
89	BOTTOM SAMPLE 101@2'		1							10/19/22	12:46PM	

Relinquished By: <i>[Signature]</i>	Date: 10-20-22	Received By: <i>[Signature]</i>	Date: 10-20-22
Delivered By: (Circle One) <i>Smith</i>	Time: 1420	Sample Condition: <i>Intact</i>	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other: <i>1-3c/-79c</i>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Initials: <i>yo</i>

PLEASE NOTE: Liability and Damages: Cardinal's liability and claims 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 remedies or otherwise.

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

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 160197

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 160197
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/9/2023