

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	

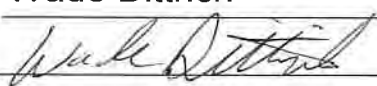
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Printed Name: Wade Dittrich Title: Environmental Coordinator
Signature:  Date: 11-17-22
email: wade_dittrich@oxy.com Telephone: (575) 390-2828

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

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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:
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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

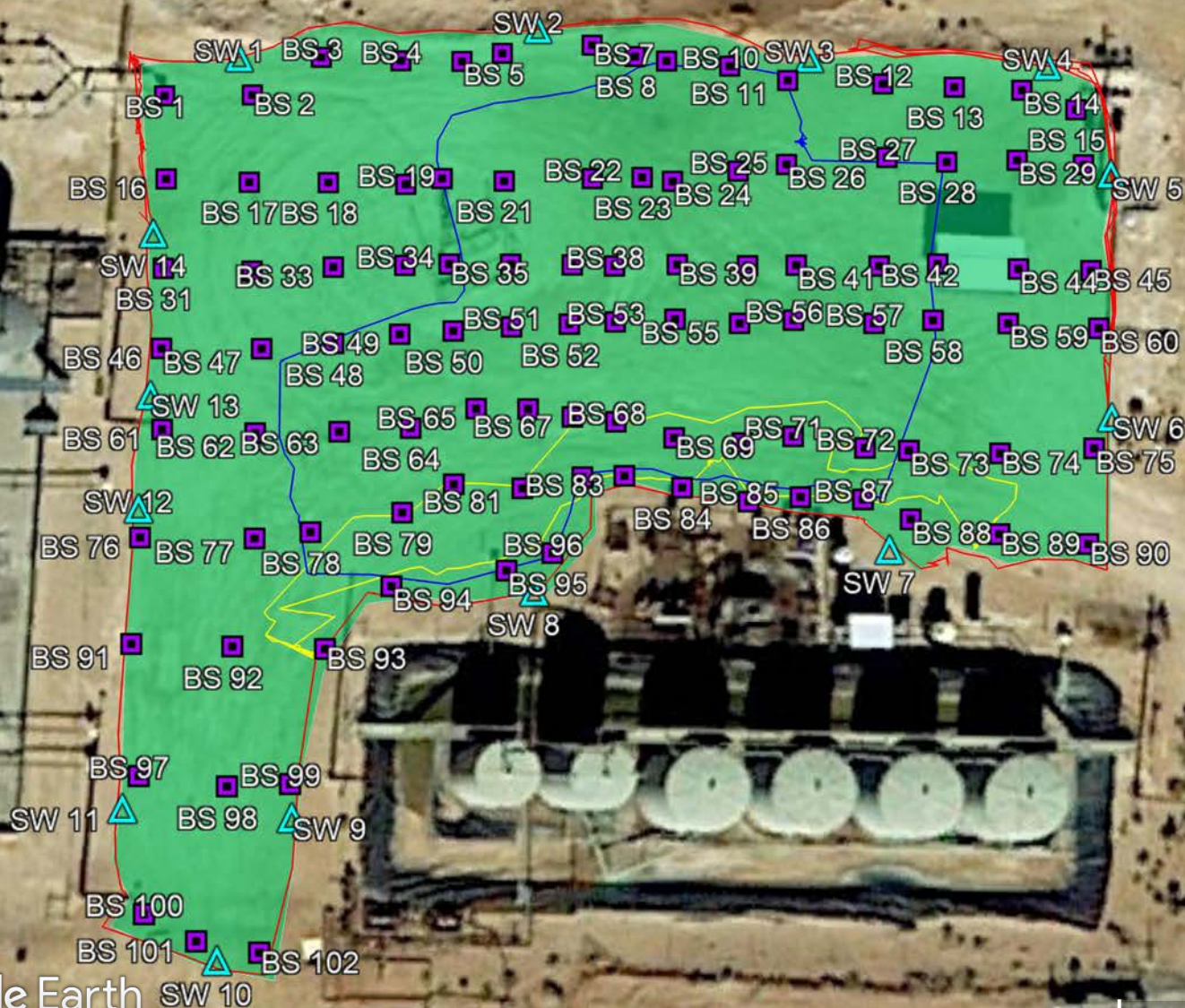
03/31/2017

08/06/2016

4' EXCAVATION

BOTTOM CONFIRMATION SAMPLE POINTS

SIDEWALL CONFIRMATION SAMPLE POINTS



Google Earth

OXY - SDS 11 FEDERAL #1 SWD FACILITY

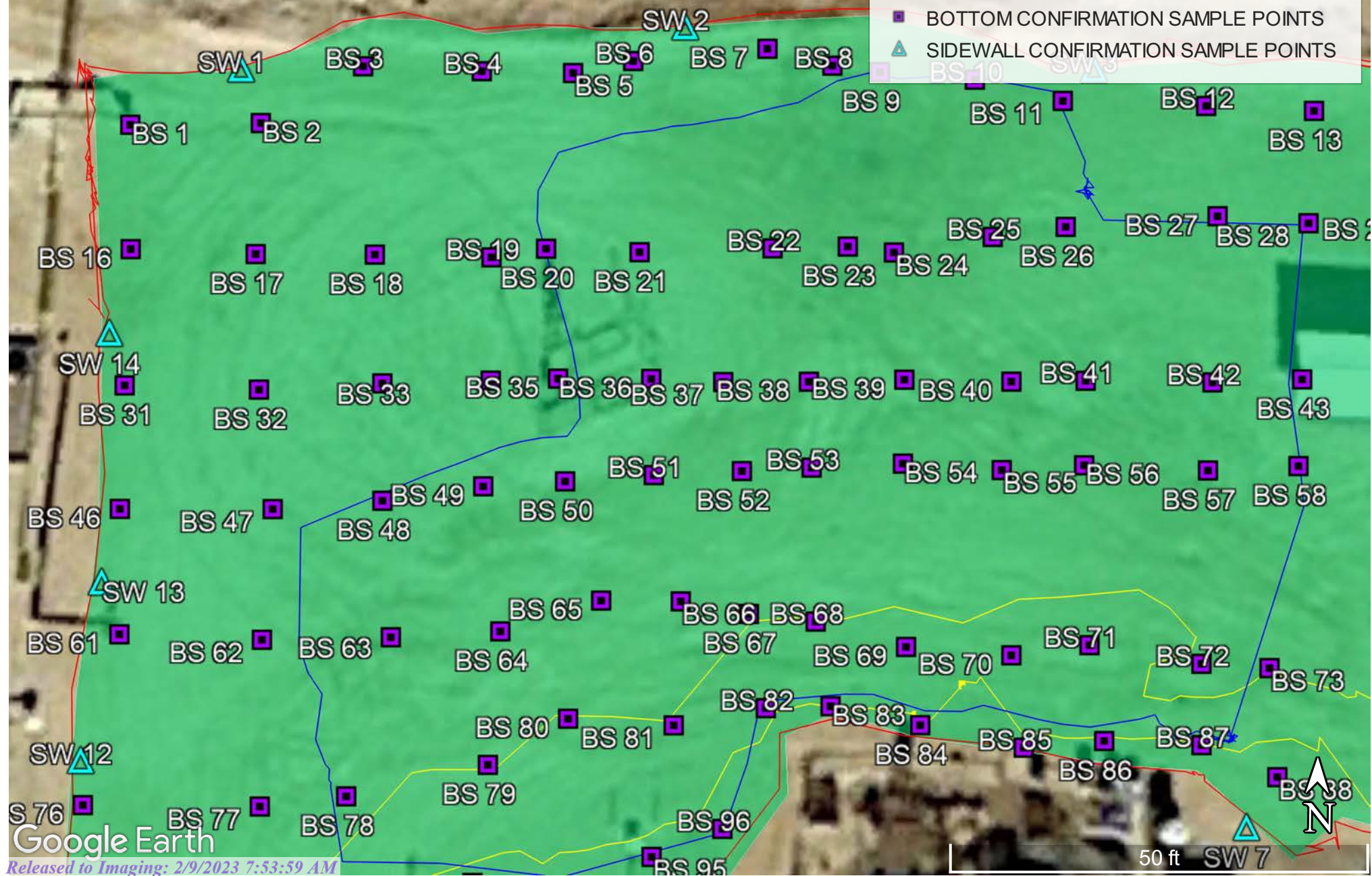
LEAK DATES - 08/17/2016 , 01/16/2017,03/31/2017

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

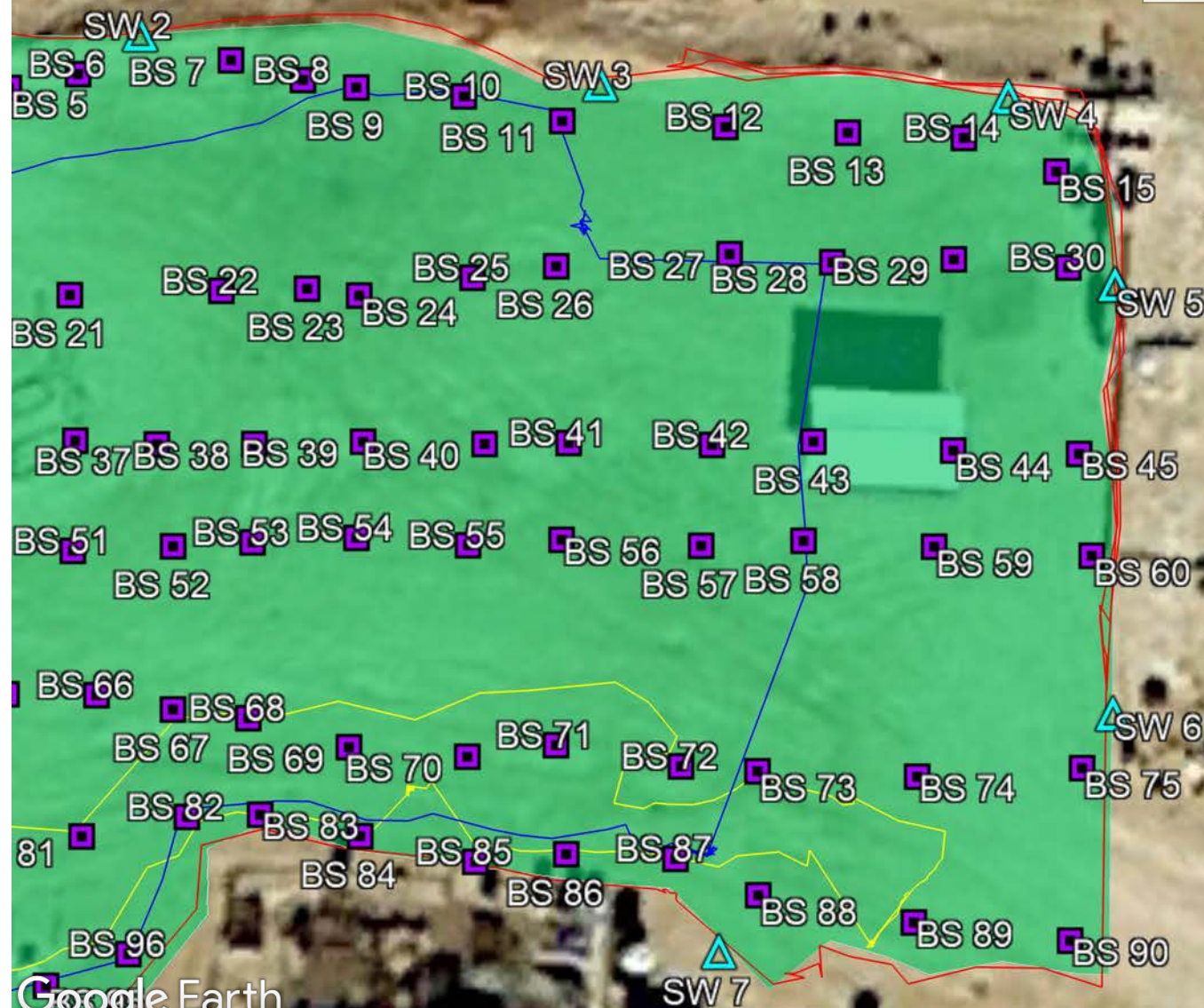
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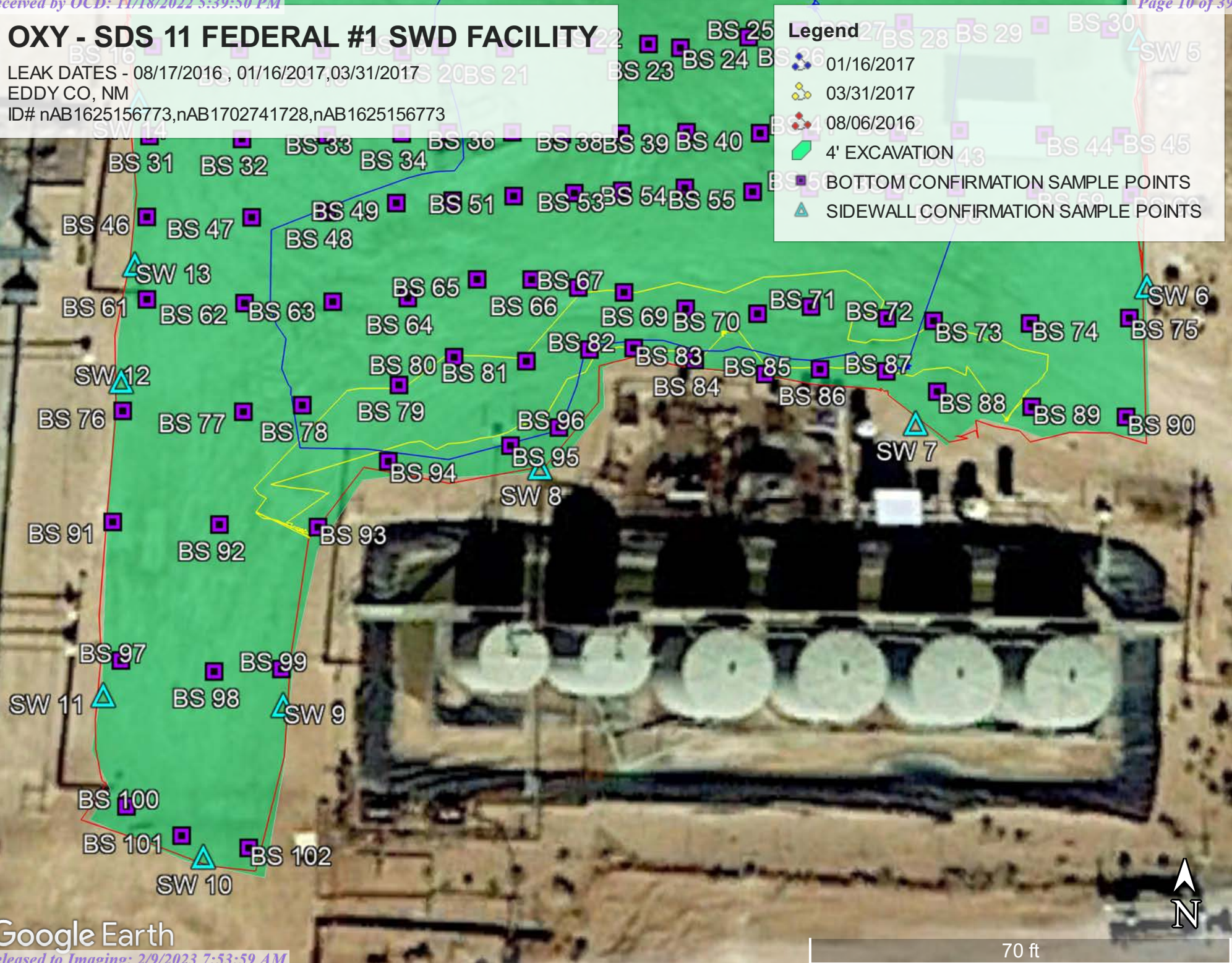
03/31/2017

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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[illegible][illegible][illegible][illegible]

	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".

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)

BTEx 8021B		mg/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) 98.1 % 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)

BTEx 8021B		mg/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) 97.1 % 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



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 @ 4' (H224933-04)

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	10/22/2022	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) 97.7 % 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	10/21/2022	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
 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 @ 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, 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	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



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Analytical Results For:

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



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Analytical Results For:

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, 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 85.8 % 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:	10/11/2022
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)

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) 89.3 % 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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Analytical Results For:

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)

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) 87.2 % 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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Analytical Results For:

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



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Analytical Results For:

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)

BTEx 8021B		mg/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) 91.0 % 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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Analytical Results For:

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)

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) 90.0 % 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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Analytical Results For:

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)

BTEx 8021B		mg/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) 87.6 % 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, 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 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)

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) 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, SM4500CI-B		mg/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
 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 @ 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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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 @ 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, 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 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, 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 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)

BTEx 8021B		mg/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) 87.2 % 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)

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) 87.6 % 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)

BTEx 8021B		mg/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) 90.0 % 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)

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) 87.8 % 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)

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) 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	<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, 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 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)

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) 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)

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) 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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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 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, SM4500CI-B		mg/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)

BTEx 8021B		mg/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) 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)

BTEx 8021B		mg/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) 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)

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	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:

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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 @ 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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 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)

BTEx 8021B		mg/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 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)

BTEx 8021B		mg/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	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)

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	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, 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	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 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



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 15 @ 3' (H224933-59)

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	10/21/2022	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) 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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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 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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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 16 @ 2' (H224933-62)

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	10/21/2022	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 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)

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 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)

BTEx 8021B		mg/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	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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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 @ 1' (H224933-65)

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	10/21/2022	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	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)

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) 92.7 % 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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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 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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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 @ 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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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 @ 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)

BTEx 8021B		mg/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 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	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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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 @ 4' (H224933-72)

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	10/22/2022	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) 93.3 % 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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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 @ 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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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 @ 3' (H224933-75)

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	10/22/2022	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) 92.5 % 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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Analytical Results For:

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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Analytical Results For:

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)

BTEx 8021B		mg/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) 92.9 % 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)

BTEX 8021B		mg/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) 91.5 % 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)

BTEx 8021B		mg/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) 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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Analytical Results For:

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)

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) 94.1 % 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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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:	10/12/2022
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)

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) 94.6 % 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, SM4500CI-B		mg/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)

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	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, 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 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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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:	10/12/2022
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)

BTEx 8021B		mg/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) 93.3 % 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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*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	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)

BTEx 8021B		mg/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) 94.6 % 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)

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) 92.7 % 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



CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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

[illegible]



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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		P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:	
BILL TO			
FOR LAB USE ONLY			
Lab I.D. H24933	Sample I.D. BOTTOM SAMPLE 3@3' BOTTOM SAMPLE 3@4' BOTTOM SAMPLE 4@1' BOTTOM SAMPLE 4@2' BOTTOM SAMPLE 4@3' BOTTOM SAMPLE 4@4' BOTTOM SAMPLE 5@1' BOTTOM SAMPLE 5@2' BOTTOM SAMPLE 5@3' BOTTOM SAMPLE 5@4'	(G)RAB OR (C)OMP. # CONTAINERS MATRIX GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME 10/11/22 9:41AM 10/11/22 9:49AM 10/11/22 9:57AM 10/11/22 10:08AM 10/11/22 10:16AM 10/11/22 10:25AM 10/11/22 10:34AM 10/11/22 10:40AM 10/11/22 10:49AM 10/11/22 10:57AM
		CHLORIDE BTEX TPH/EXT	
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) Sampler - UPS - Bus - Other: -0.4°C/-1.0°C		Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476		CHECKED BY: (Initials) [Signature]	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No REMARKS:		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 FOR LAB USE ONLY				BILL TO P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:				ANALYSIS REQUEST					
Lab I.D. H224933		Sample I.D.		MATRIX <input type="checkbox"/> (G)RAB OR (C)OMP. <input type="checkbox"/> # CONTAINERS <input checked="" type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE <input type="checkbox"/> OTHER : <input checked="" type="checkbox"/> ACID/BASE: <input checked="" type="checkbox"/> ICE / COOL <input type="checkbox"/> OTHER :		PRESERV <input type="checkbox"/> DATE <input type="checkbox"/> TIME		SAMPLING		ANALYSIS REQUEST			
21 BOTTOM SAMPLE 6@1' 22 BOTTOM SAMPLE 6@2' 23 BOTTOM SAMPLE 6@3' 24 BOTTOM SAMPLE 6@4' 25 BOTTOM SAMPLE 7@1' 26 BOTTOM SAMPLE 7@2' 27 BOTTOM SAMPLE 7@3' 28 BOTTOM SAMPLE 7@4' 29 BOTTOM SAMPLE 8@1' 30 BOTTOM SAMPLE 8@2'		10/11/22 11:06AM 10/11/22 11:14AM 10/11/22 11:20AM 10/11/22 11:28AM 10/11/22 11:37AM 10/11/22 11:45AM 10/11/22 12:03PM 10/11/22 12:14PM 10/11/22 12:20PM		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	
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Relinquished By: Date: 10-20-22 Time: 8:00 AM Received By: [Signature] Time: 11:45 #13 Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) -046/-100 #13				Relinquished By: Date: 10-20-22 Time: 8:00 AM Received By: [Signature] Time: 11:45 #13 Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact Yes <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No CHECKED BY: (Initials) -046/-100 #13				REMARKS: 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 #: t Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476					



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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		P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:	
Lab I.D. H224933		Sample I.D.	
BOTTOM SAMPLE 8@3' BOTTOM SAMPLE 8@4' BOTTOM SAMPLE 9@1' BOTTOM SAMPLE 9@2' BOTTOM SAMPLE 9@3' BOTTOM SAMPLE 9@4' BOTTOM SAMPLE 10@1' BOTTOM SAMPLE 10@2' BOTTOM SAMPLE 10@3' BOTTOM SAMPLE 10@4'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	
DATE 10/11/22 10/11/22 10/11/22 10/11/22 10/11/22 10/11/22 10/11/22 10/11/22 10/11/22 10/11/22		TIME 12:28PM 12:36PM 12:43PM 12:52PM 1:02PM 1:10PM 1:16PM 1:23PM 1:30PM 1:37PM	
Chloride BTEX TPH/EXT		ANALYSIS REQUEST	

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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) *[Signature]* **Time:** 11:45 **Received By:** *[Signature]* **Time:** 11:45

Sampler - UPS - Bus - Other: -0.44/-1.00 **Sample Condition:** ☒ Intact ☐ Cool ☐ Yes ☐ No ☐ Yes ☐ No **CHECKED BY:** *[Signature]* **(Initials):** YB

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

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 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. H24933				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: 8:00 AM 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: [Signature]				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

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.

45	BOTTOM SAMPLE 17@1'	(G)RAB OR (C)OMP.		DATE	TIME															
44	BOTTOM SAMPLE 17@2'	# CONTAINERS		10/12/22	8:15AM	✓	✓	✓												
43	BOTTOM SAMPLE 17@3'	GROUNDWATER		10/12/22	8:23AM	✓	✓	✓												
42	BOTTOM SAMPLE 17@4'	WASTEWATER		10/12/22	8:32AM	✓	✓	✓												
41	BOTTOM SAMPLE 18@1'	SOIL	✓	10/12/22	8:40AM	✓	✓	✓												
40	BOTTOM SAMPLE 18@2'	OIL		10/12/22	8:48AM	✓	✓	✓												
39	BOTTOM SAMPLE 18@3'	SLUDGE		10/12/22	9:00AM	✓	✓	✓												
38	BOTTOM SAMPLE 18@4'	OTHER :		10/12/22	9:07AM	✓	✓	✓												
37	BOTTOM SAMPLE 19@1'	ACID/BASE:		10/12/22	9:14AM	✓	✓	✓												
36	BOTTOM SAMPLE 19@2'	ICE / COOL	✓	10/12/22	9:21am	✓	✓	✓												
35	BOTTOM SAMPLE 19@2'	OTHER :		10/12/22	9:30am	✓	✓	✓												

Chloride
BTX
TPH EXT

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Relinquished By:

Relinquished By:

Delivered By: (Circle One)

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

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

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

Time: 11:45

Time: 11:45

Time: 11:45

Time: 11:45

Time: 11:45

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS:

REMARKS:

REMARKS:

REMARKS:

REMARKS:

REMARKS:

REMARKS:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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Page 106 of 106



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, 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:	10/13/2022
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

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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

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:	10/13/2022
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



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 @ 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

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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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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 @ 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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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 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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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 @ 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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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 @ 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



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Analytical Results For:

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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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 @ 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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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 @ 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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Celey D. Keene, Lab Director/Quality Manager



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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 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)

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	1.96	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 BTX	<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, SM4500CI-B		mg/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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Analytical Results For:

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, 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	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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Analytical Results For:

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 @ 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, 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	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)

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, 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	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:

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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 @ 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:

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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 53 @ 1' (H224936-25)

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	10/23/2022	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	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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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 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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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 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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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 53 @ 4' (H224936-28)

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	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) 97.5 % 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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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 54 @ 1' (H224936-29)

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	10/23/2022	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) 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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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 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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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 "Celey D. Keene".

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		Sample I.D.		MATRIX										PRESERV.	SAMPLING												
Lab I.D.		Sample I.D.																									
H224936		1		BOTTOM SAMPLE 47@1'										6		10/13/22 3:44PM		Chloride									
2		2		BOTTOM SAMPLE 47@2'												10/13/22 3:50PM		BTEX									
3		3		BOTTOM SAMPLE 47@3'												10/13/22 3:57PM		TPH/EXT									
4		4		BOTTOM SAMPLE 47@4'												10/13/22 4:06PM											
5		5		BOTTOM SAMPLE 48@1'												10/14/22 8:16AM											
6		6		BOTTOM SAMPLE 48@2'												10/14/22 8:23AM											
7		7		BOTTOM SAMPLE 48@3'												10/14/22 8:30AM											
8		8		BOTTOM SAMPLE 48@4'												10/14/22 8:38AM											
9		9		BOTTOM SAMPLE 49@1'												10/14/22 8:42AM											
10		10		BOTTOM SAMPLE 49@2'												10/14/22 8:50AM											

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Relinquished By:

Date: 10/20/22

Received By:

Phone Result:

Fax Result:

Add'l Phone #:

Add'l Fax #:

REMARKS:

Relinquished By:

Date: 10/20/22

Received By:

Phone Result:

Fax Result:

Add'l Phone #:

Add'l Fax #:

Delivered By: (Circle One)

Date: 10/20/22

Received By:

Phone Result:

Fax Result:

Add'l Phone #:

Add'l Fax #:

Sampler - UPS - Bus - Other:

Date: 10/20/22

Received By:

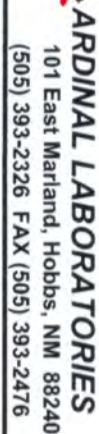
Phone Result:

Fax Result:

Add'l Phone #:

Add'l Fax #:

† Cardinal cannot accept verbal changes. Please fax written changes to 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:																					
Phone #: 575-397-6388		City:																					
Fax #: 575-397-0397		State:																					
Project #: 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 #:																					
Sample Name: SIMON																							
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		MATRIX		PRESERV		SAMPLING															
H224936		11 BOTTOM SAMPLE 49@3'		(G)RAB OR (C)OMP.				DATE		TIME		Chloride											
12 BOTTOM SAMPLE 49@4'		# CONTAINERS						10/14/22		8:57AM		BTEX											
13 BOTTOM SAMPLE 50@1'		GROUNDWATER						10/14/22		9:06AM		TPH/EXT											
14 BOTTOM SAMPLE 50@2'		WASTEWATER						10/14/22		9:14AM													
15 BOTTOM SAMPLE 50@3'		SOIL						10/14/22		9:20AM													
16 BOTTOM SAMPLE 50@4'		OIL						10/14/22		9:26AM													
17 BOTTOM SAMPLE 51@1'		SLUDGE						10/14/22		9:31AM													
18 BOTTOM SAMPLE 51@2'		OTHER :						10/14/22		9:39AM													
19 BOTTOM SAMPLE 51@3'		ACID/BASE:						10/14/22		9:46AM													
20 BOTTOM SAMPLE 51@4'		ICE / COOL						10/14/22		9:53AM													
		OTHER :						10/14/22		10:00AM													
PLEASE NOTE: Liability and Damages. Cardholder'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. In no event shall Cardholder 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 rendered by Cardholder, regardless of whether such claim is based upon any of the above titled provisions or otherwise.		Relinquished By: [Signature]		Date: 10-20-22		Received By: [Signature]		Date: 10-20-22		Time: 11:45		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Phone #: [Blank]		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Fax #: [Blank]	
Delivered By: (Circle One)		Relinquished By: [Signature]		Date: 10-20-22		Received By: [Signature]		Date: 10-20-22		Time: 11:45		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Phone #: [Blank]		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Fax #: [Blank]	
Sampler - UPS - Bus - Other:		Relinquished By: [Signature]		Date: 10-20-22		Received By: [Signature]		Date: 10-20-22		Time: 11:45		Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		CHECKED BY: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Phone #: [Blank]		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>		Add'l Fax #: [Blank]	



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:											
State: NM Zip: 88241		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									
H224934	21 BOTTOM SAMPLE 52@1'	(G)RAB OR (C)OMP.		DATE	TIME								
	22 BOTTOM SAMPLE 52@2'	# CONTAINERS		10/14/22	10:09AM								
	23 BOTTOM SAMPLE 52@3'	GROUNDWATER		10/14/22	10:16AM								
	24 BOTTOM SAMPLE 52@4'	WASTEWATER		10/14/22	10:23AM								
	25 BOTTOM SAMPLE 53@1'	SOIL		10/14/22	10:31AM								
	26 BOTTOM SAMPLE 53@2'	OIL		10/14/22	10:38AM								
	27 BOTTOM SAMPLE 53@3'	SLUDGE		10/14/22	10:47AM								
	28 BOTTOM SAMPLE 53@4'	OTHER :		10/14/22	10:55AM								
	29 BOTTOM SAMPLE 54@1'	ACID/BASE:		10/14/22	11:03AM								
	30 BOTTOM SAMPLE 54@2'	ICE / COOL		10/14/22	11:10AM								
		OTHER :		10/14/22	11:18AM								
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Relinquished By:		Date: 10-20-22		Received By:									
Relinquished By:		Date: 10-20-22		Received By:									
Delivered By: (Circle One)		Time: 11:45		Sample Condition:									
Sampler - UPS - Bus - Other:		Time: 11:45		Cool: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
		Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY:									
				(Initials)									
				REMARKS:									
				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 #:									

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



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, 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:	10/12/2022
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)

BTEx 8021B		mg/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) 93.7 % 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	10/21/2022	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

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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)

BTEx 8021B		mg/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) 93.4 % 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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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 @ 3' (H224935-05)

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	10/23/2022	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) 93.8 % 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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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 @ 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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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 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)

BTEx 8021B		mg/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) 92.5 % 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)

BTEx 8021B		mg/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) 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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Analytical Results For:

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)

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) 92.3 % 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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Analytical Results For:

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)

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) 92.9 % 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



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Analytical Results For:

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)

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) 92.5 % 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



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 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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Analytical Results For:

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)

BTEx 8021B		mg/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 102 % 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:	10/12/2022
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)

BTEx 8021B		mg/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 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:	10/13/2022
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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Analytical Results For:

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)

BTEx 8021B		mg/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) 92.2 % 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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Analytical Results For:

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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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 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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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 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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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 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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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 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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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 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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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 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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Celey D. Keene, Lab Director/Quality Manager



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 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, SM4500CI-B		mg/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, SM4500CI-B		mg/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, 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 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, SM4500CI-B		mg/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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Analytical Results For:

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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Analytical Results For:

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, SM4500CI-B		mg/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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Analytical Results For:

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 @ 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, 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 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:

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 @ 3' (H224935-53)

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	10/22/2022	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) 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)

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) 88.1 % 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	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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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 38 @ 3' (H224935-57)

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	10/22/2022	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) 88.8 % 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)

BTEx 8021B		mg/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) 89.7 % 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)

BTEx 8021B		mg/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	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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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 39 @ 3' (H224935-61)

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	10/22/2022	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	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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Analytical Results For:

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)

BTEx 8021B		mg/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) 91.0 % 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, 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 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)

BTEx 8021B		mg/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) 89.5 % 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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Analytical Results For:

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)

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, 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	10/21/2022	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)

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) 91.5 % 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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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 43 @ 2' (H224935-76)

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) 93.2 % 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)

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) 93.2 % 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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Analytical Results For:

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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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 @ 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)

BTEx 8021B		mg/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) 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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Analytical Results For:

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)

BTEx 8021B		mg/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) 93.8 % 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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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 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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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 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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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 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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Analytical Results For:

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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Analytical Results For:

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)

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) 93.7 % 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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Analytical Results For:

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, 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	10/22/2022	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



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 @ 4' (H224935-90)

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) 93.3 % 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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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



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:																		
State: NM Zip: 88241		Address:																		
Phone #: 575-397-6388 Fax #: 575-397-0397		City:																		
Project #:		State:																		
Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)		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		MATRIX		PRESERV		SAMPLING								
H224935		BOTTOM SAMPLE 24@3'		✓		GROUNDWATER		✓		✓		DATE		TIME		Chloride				
1		BOTTOM SAMPLE 24@4'		✓		WASTEWATER		✓		✓		10/12/22		12:25PM		✓				
2		BOTTOM SAMPLE 25@1'		✓		SOIL		✓		✓		10/12/22		12:31PM		BTEX				
3		BOTTOM SAMPLE 25@2'		✓		OIL		✓		✓		10/12/22		12:40PM		✓				
4		BOTTOM SAMPLE 25@3'		✓		SLUDGE		✓		✓		10/12/22		12:49PM		✓				
5		BOTTOM SAMPLE 25@4'		✓		OTHER :		✓		✓		10/12/22		1:05PM		✓				
6		BOTTOM SAMPLE 26@1'		✓		ACID/BASE:		✓		✓		10/12/22		1:14PM		✓				
7		BOTTOM SAMPLE 26@2'		✓		ICE / COOL		✓		✓		10/12/22		1:20PM		✓				
8		BOTTOM SAMPLE 26@3'		✓		OTHER :		✓		✓		10/12/22		1:26PM		✓				
9		BOTTOM SAMPLE 26@4'		✓								10/12/22		1:32PM		✓				
10																				
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Relinquished By:		Date: 10-20-22		Received By:		Date: 10-20-22		Time: 8:00 AM		Signature: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS:				
Relinquished By: [Signature]		Date: 10-20-22		Received By: [Signature]		Date: 10-20-22		Time: 7:45 PM		Signature: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS:				
Delivered By: (Circle One) <u>Shirley Ann</u>		Time: 7:45 PM		Signature: [Signature]		Date: 10-20-22		Time: 7:45 PM		Signature: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS:				
Delivered By: (Circle One) <u>Shirley Ann</u>		Time: 7:45 PM		Signature: [Signature]		Date: 10-20-22		Time: 7:45 PM		Signature: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS:				
Sampler - UPS - Bus - Other: <u>-0.4' -1.0'</u>		Time: 7:45 PM		Signature: [Signature]		Date: 10-20-22		Time: 7:45 PM		Signature: [Signature]		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:		REMARKS:				
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ORDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

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 Owner: Oxy 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		MATRIX			PRESERV.		SAMPLING							
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE	TIME							
H224935	BOTTOM SAMPLE 27@1'	(G)	1	V	V	10/12/22	1:40PM	✓	Chloride					
11	BOTTOM SAMPLE 27@2'	-				10/12/22	1:50PM	✓	BTEX					
12	BOTTOM SAMPLE 27@3'					10/12/22	1:57PM	✓	TPH EXT					
13	BOTTOM SAMPLE 27@4'					10/12/22	2:04PM	✓						
14	BOTTOM SAMPLE 28@1'					10/12/22	2:10PM	✓						
15	BOTTOM SAMPLE 28@2'					10/12/22	2:17PM	✓						
16	BOTTOM SAMPLE 28@3'					10/12/22	2:23PM	✓						
17	BOTTOM SAMPLE 28@4'					10/12/22	2:29PM	✓						
18	BOTTOM SAMPLE 29@1'					10/12/22	2:37PM	✓						
19	BOTTOM SAMPLE 29@2'					10/12/22	2:45PM	✓						
20	BOTTOM SAMPLE 29@3'													

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Relinquished By: [Signature]	Date: 10-20-22	Received By: [Signature]	Date: 10-20-22	Phone Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Phone #: _____
Delivered By: (Circle One) [Signature]	Time: 11:45	[Signature]	Time: _____	Fax Result: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Add'l Fax #: _____
REMARKS: V.P.					



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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	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)

Time: 1:45

Sampler - UPS - Bus - Other: -04/-10°C

#113

Cool Intact

Sample Condition

CHECKED BY: [Signature]

(Initials)

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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

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)

ATD

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

Fax Result: ☐ Yes ☐ 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

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	TRN EXT
	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: 10-20-22 Received By: [Signature]

Relinquished By:

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

Delivered By: (Circle One)

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

Sampler - UPS - Bus - Other: -0.4°C/-6.0°C

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

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



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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		P.O. #: Company: Oxy Attn: Address: City: State: Phone #: Fax #:	
Relinquished By: <i>[Signature]</i> Date: 10-20-22 Time: 8:00 AM Received By: <i>[Signature]</i> Date: 10-20-22 Time: 11:45 AM Delivered By: (Circle One) Sampler - UPS - Bus - Other: -0.46/-1.00		Relinquished By: <i>[Signature]</i> Date: 10-20-22 Time: 8:00 AM Received By: <i>[Signature]</i> Date: 10-20-22 Time: 11:45 AM Delivered By: (Circle One) Sampler - UPS - Bus - Other: -0.46/-1.00	

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BTEX	TPH/EXT
H224935	BOTTOM SAMPLE 37@1'			GROUNDWATER			10/13/22	11:18AM	✓	✓	✓
	BOTTOM SAMPLE 37@2'			WASTEWATER			10/13/22	11:24AM	✓	✓	✓
	BOTTOM SAMPLE 37@3'			SOIL			10/13/22	11:30AM	✓	✓	✓
	BOTTOM SAMPLE 37@4'			OIL			10/13/22	11:37AM	✓	✓	✓
	BOTTOM SAMPLE 38@1'			SLUDGE			10/13/22	11:44AM	✓	✓	✓
	BOTTOM SAMPLE 38@2'			OTHER :			10/13/22	11:50AM	✓	✓	✓
	BOTTOM SAMPLE 38@3'			ACID/BASE:			10/13/22	11:57AM	✓	✓	✓
	BOTTOM SAMPLE 38@4'			ICE / COOL			10/13/22	12:07PM	✓	✓	✓
	BOTTOM SAMPLE 39@1'			OTHER :			10/13/22	12:12PM	✓	✓	✓
	BOTTOM SAMPLE 39@2'						10/13/22	12:19PM	✓	✓	✓

Relinquished By: <i>[Signature]</i> Date: 10-20-22 Time: 8:00 AM Received By: <i>[Signature]</i> Date: 10-20-22 Time: 11:45 AM Delivered By: (Circle One) Sampler - UPS - Bus - Other: -0.46/-1.00	Relinquished By: <i>[Signature]</i> Date: 10-20-22 Time: 8:00 AM Received By: <i>[Signature]</i> Date: 10-20-22 Time: 11:45 AM Delivered By: (Circle One) Sampler - UPS - Bus - Other: -0.46/-1.00
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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. 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 #:	
FOR LAB USE ONLY		BILL TO	
Lab I.D. H224935		Sample I.D.	
BOTTOM SAMPLE 39@3' BOTTOM SAMPLE 39@4' BOTTOM SAMPLE 40@1' BOTTOM SAMPLE 40@2' BOTTOM SAMPLE 40@3' BOTTOM SAMPLE 40@4' BOTTOM SAMPLE 41@1' BOTTOM SAMPLE 41@2' BOTTOM SAMPLE 41@3' BOTTOM SAMPLE 41@4' BOTTOM SAMPLE 41@4'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	
DATE TIME		DATE TIME	
10/13/22 12:25PM 10/13/22 12:31PM 10/13/22 12:38PM 10/13/22 12:45PM 10/13/22 12:53PM 10/13/22 1:00PM 10/13/22 1:07PM 10/13/22 1:12PM 10/13/22 1:19PM 10/13/22 1:25PM		Chloride BTEX TPH EXT	
Relinquished By: <i>[Signature]</i> Date: 10-20-22 Time: 8:00 AM		Received By: <i>[Signature]</i> Date: 10-20-22 Time: 11:45	
Relinquished By: <i>[Signature]</i> Date: 10-20-22 Time: 11:45		Received By: <i>[Signature]</i> Date: 10-20-22 Time: 11:45	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -0.4°C/-1.0°C		Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Checked By: <i>[Signature]</i> (Initials) <i>AE</i>	

† 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.

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
H224935	71 BOTTOM SAMPLE 42@1'						10/13/22	1:32PM	✓	✓	✓
	72 BOTTOM SAMPLE 42@2'						10/13/22	1:40PM	✓	✓	✓
	73 BOTTOM SAMPLE 42@3'						10/13/22	1:46PM	✓	✓	✓
	74 BOTTOM SAMPLE 42@4'						10/13/22	1:52PM	✓	✓	✓
	75 BOTTOM SAMPLE 43@1'						10/13/22	2:00PM	✓	✓	✓
	76 BOTTOM SAMPLE 43@2'						10/13/22	2:07PM	✓	✓	✓
	77 BOTTOM SAMPLE 43@3'						10/13/22	2:14PM	✓	✓	✓
	78 BOTTOM SAMPLE 43@4'						10/13/22	2:19PM	✓	✓	✓
	79 BOTTOM SAMPLE 44@1'						10/13/22	2:25PM	✓	✓	✓
	80 BOTTOM SAMPLE 44@2'						10/13/22	2:32PM	✓	✓	✓

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Relinquished By:

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

Relinquished By:

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

Delivered By: (Circle One)

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

Sampler - UPS - Bus - Other:

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

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

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

Sample Condition

Cool Intact

Checked By: [Signature]

Initials: [Signature]

Phone Result: ☐ Yes ☐ No

Fax Result: ☐ Yes ☐ No

REMARKS:

Add'l Phone #:

Add'l Fax #:



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 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. Sample I.D.		ANALYSIS REQUEST	
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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: <i>[Signature]</i> Date: 10-20-22 Received By: <i>[Signature]</i> Date: 10-20-22		REMARKS:	
Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		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".

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 @ 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



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Analytical Results For:

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)

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 98.3 % 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: BOTTOM SAMPLE 102 @ 2' (H224942-04)

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	10/25/2022	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) 98.3 % 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	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)

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) 98.6 % 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	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



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Analytical Results For:

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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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: 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
 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 2 (H224942-08)

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	10/25/2022	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	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:

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 3 (H224942-09)

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	10/25/2022	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, 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 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 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:	10/19/2022
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)

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) 99.4 % 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	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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Analytical Results For:

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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Analytical Results For:

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 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, 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 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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Analytical Results For:

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, 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 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 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:	10/19/2022
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, 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 114 % 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:	10/19/2022
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)

BTEx 8021B		mg/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) 99.4 % 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	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)

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) 98.1 % 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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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 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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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: 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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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 14 (H224942-20)

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	10/25/2022	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) 98.4 % 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	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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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
BS-3	Blank spike recovery outside of lab established statistical limits, but still within method limits. Data is not adversely affected.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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A handwritten signature in black ink, appearing to read "Celey D. Keene".

Celey D. Keene, Lab Director/Quality Manager



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:											
State: NM Zip: 88241		Address:											
Phone #: 575-397-6388 Fax #: 575-397-0397		City:											
Project #:		State:											
Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)		Zip:											
Project Location: New Mexico		Phone #:											
Sample Name: SIMON		Fax #:											
<small>FOR LAB USE ONLY</small>													
Lab I.D.		Sample I.D.		(G)RAB OR (C)OMP.		# CONTAINERS		MATRIX		PRESERV.		SAMPLING	
1 BOTTOM SAMPLE 101@3'		10/19/22 12:54PM		✓		✓		✓		✓		✓	
2 BOTTOM SAMPLE 101@4'		10/19/22 1:05PM		✓		✓		✓		✓		✓	
3 BOTTOM SAMPLE 102@1'		10/19/22 1:14PM		✓		✓		✓		✓		✓	
4 BOTTOM SAMPLE 102@2'		10/19/22 1:20PM		✓		✓		✓		✓		✓	
5 BOTTOM SAMPLE 102@3'		10/19/22 1:26PM		✓		✓		✓		✓		✓	
6 BOTTOM SAMPLE 102@4'		10/19/22 1:34PM		✓		✓		✓		✓		✓	
7 SIDEWALL 1		10/19/22 1:41PM		✓		✓		✓		✓		✓	
8 SIDEWALL 2		10/19/22 1:50PM		✓		✓		✓		✓		✓	
9 SIDEWALL 3		10/19/22 1:58PM		✓		✓		✓		✓		✓	
10 SIDEWALL 4		10/19/22 2:09PM		✓		✓		✓		✓		✓	
<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 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 reasons or otherwise.</small>													
Relinquished By:		Date: 10-20-22		Received By:		Date: 10-20-22		Time: 8:10 AM		Received By:		Date: 10-20-22	
Relinquished By:		Time: 8:10 AM		Received By:		Time: 8:10 AM		Received By:		Time: 8:10 AM		Received By:	
Delivered By: (Circle One)		Sample Condition		CHECKED BY:		Sample Condition		CHECKED BY:		Sample Condition		CHECKED BY:	
Sampler - UPS - Bus - Other: -7.3c/-7.9c		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/>		Cool <input type="checkbox"/> Intact <input type="checkbox"/>	
Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476		REMARKS:		REMARKS:		REMARKS:		REMARKS:		REMARKS:		REMARKS:	



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:				BILL TO				ANALYSIS REQUEST			
FOR LAB USE ONLY				Matrix				Preserv				Sampling			
Lab I.D.				Sample I.D.				DATE				TIME			
HZ24942				11				10/19/22				2:16PM			
12				10/19/22				2:25PM				✓			
13				10/19/22				2:34PM				✓			
14				10/19/22				2:42PM				✓			
15				10/19/22				2:50PM				✓			
16				10/19/22				3:07PM				✓			
17				10/19/22				3:16PM				✓			
18				10/19/22				3:27PM				✓			
19				10/19/22				3:35PM				✓			
20				10/19/22				3:35PM				✓			

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:** 1420 **Sample Condition:** *[Signature]* **CHECKED BY:** *[Signature]*

Sampler - UPS - Bus - Other: *[Signature]* **Time:** 1420 **Sample Condition:** *[Signature]* **CHECKED BY:** *[Signature]*

Phone Result: ☐ Yes ☐ No **Add'l Phone #:**

Fax Result: ☐ Yes ☐ No **Add'l Fax #:**

REMARKS:



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



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Analytical Results For:

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, SM4500CI-B		mg/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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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 @ 4' (H224941-08)

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	10/24/2022	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) 93.3 % 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)

BTEx 8021B		mg/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	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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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 81 @ 2' (H224941-10)

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	10/24/2022	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) 92.3 % 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)

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) 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, 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 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)

BTEx 8021B		mg/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 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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Analytical Results For:

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)

BTEx 8021B		mg/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) 93.4 % 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)

BTEx 8021B		mg/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) 94.0 % 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)

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	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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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 @ 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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Analytical Results For:

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)

BTEx 8021B		mg/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) 94.2 % 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)

BTEx 8021B		mg/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) 94.2 % 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)

BTEx 8021B		mg/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) 92.3 % 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	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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Analytical Results For:

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)

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) 92.7 % 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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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 @ 1' (H224941-25)

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	10/24/2022	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) 97.7 % 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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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 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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Analytical Results For:

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)

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	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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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 @ 4' (H224941-28)

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	10/24/2022	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	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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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 @ 1' (H224941-29)

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	10/24/2022	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	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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Analytical Results For:

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)

BTEx 8021B		mg/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) 98.4 % 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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Analytical Results For:

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 @ 4' (H224941-32)

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	10/24/2022	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	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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Analytical Results For:

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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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 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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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 @ 3' (H224941-35)

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) 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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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 88 @ 1' (H224941-37)

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) 98.1 % 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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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 88 @ 2' (H224941-38)

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) 99.4 % 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	10/24/2022	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)

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) 98.0 % 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:

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 @ 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)

BTEx 8021B		mg/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 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)

BTEx 8021B		mg/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) 99.2 % 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)

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) 99.5 % 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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Analytical Results For:

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)

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	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
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 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)

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	2.30	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 BTX	<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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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
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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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:	10/18/2022
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, 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	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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Analytical Results For:

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
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 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)

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	2.30	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 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	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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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 @ 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)

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	2.30	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 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	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)

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	2.30	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 BTX	<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)

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	2.30	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 BTX	<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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Analytical Results For:

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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Analytical Results For:

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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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 @ 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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Analytical Results For:

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, SM4500CI-B		mg/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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Analytical Results For:

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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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 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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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 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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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 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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Celey D. Keene, Lab Director/Quality Manager



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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:	10/27/2022	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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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:	10/19/2022
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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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:	10/27/2022	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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 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:

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 Cliff Brunson
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 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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Analytical Results For:

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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Analytical Results For:

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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Analytical Results For:

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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Analytical Results For:

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



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Analytical Results For:

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)

BTEx 8021B		mg/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) 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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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 @ 3' (H224941-83)

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) 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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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 @ 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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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 @ 1' (H224941-85)

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	10/25/2022	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 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 143 % 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 @ 2' (H224941-86)

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 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 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 @ 3' (H224941-87)

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) 99.4 % 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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Analytical Results For:

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)

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) 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)

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) 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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Analytical Results For:

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)

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) 97.8 % 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



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										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	
H224941		BOTTOM SAMPLE 79 @ 1'		1		1																				10/18/22		8:20AM		✓		✓		✓			
1		BOTTOM SAMPLE 79 @ 2'		2		1																				10/18/22		8:27AM		✓		✓		✓			
2		BOTTOM SAMPLE 79 @ 3'		3		1																				10/18/22		8:36AM		✓		✓		✓			
3		BOTTOM SAMPLE 79 @ 4'		4		1																				10/18/22		8:44AM		✓		✓		✓			
4		BOTTOM SAMPLE 80 @ 1'		5		1																				10/18/22		8:51AM		✓		✓		✓			
5		BOTTOM SAMPLE 80 @ 2'		6		1																				10/18/22		9:00AM		✓		✓		✓			
6		BOTTOM SAMPLE 80 @ 3'		7		1																				10/18/22		9:08AM		✓		✓		✓			
7		BOTTOM SAMPLE 80 @ 4'		8		1																				10/18/22		9:17AM		✓		✓		✓			
8		BOTTOM SAMPLE 81 @ 1'		9		1																				10/18/22		9:26AM		✓		✓		✓			
9		BOTTOM SAMPLE 81 @ 2'		10		1																				10/18/22		9:36AM		✓		✓		✓			
10		BOTTOM SAMPLE 81 @ 2'																																			
PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising from this contract or that shall be limited to the amount paid by the client for the analyses. All claims, including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruption, loss of use, or consequential 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 other above stated reasons or otherwise.		Relinquished By:		Date: 10-20-22		Received By:		Date: 10-20-22		Time: 6:10pm		Sample Condition:		Cool		Intact		CHECKED BY:		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:		REMARKS:									
		Swael Hema																																			
Delivered By: (Circle One)		Date: 10-20-22		Time: 7:420		Received By:		Date: 10-20-22		Time: 7:420		Sample Condition:		Cool		Intact		CHECKED BY:		Phone Result:		Fax Result:		Add'l Phone #:		Add'l Fax #:		REMARKS:									
Swael Hema																																					
Sampler - UPS - Bus - Other:		-7.3c/-7.9c		#113		Swael Hema		-7.3c/-7.9c		#113		Swael Hema		-7.3c/-7.9c		#113		Swael Hema		-7.3c/-7.9c		#113		Swael Hema		-7.3c/-7.9c		#113		Swael Hema		-7.3c/-7.9c		#113			

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



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO				ANALYSIS REQUEST											
Project Manager: Cliff Brunson				P.O. #:															
Address: P.O. Box 805				Company: Oxy															
City: Hobbs				Attn:															
Phone #: 575-397-6388				Address:															
State: NM Zip: 88241																			
Fax #: 575-397-0397																			
Project #:				City:															
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 #:															
Sample 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											
								OIL											
								SLUDGE											
								OTHER :											
								ACID/BASE:											
								ICE / COOL											
								OTHER :											
								DATE		TIME									
H22494		BOTTOM SAMPLE 81 @ 3'		9		1		10/18/22		9:42AM		Chloride							
11		BOTTOM SAMPLE 81 @ 4'						10/18/22		9:50AM		BTEX							
12		BOTTOM SAMPLE 82 @ 1'						10/18/22		9:58AM		TPH EXT							
13		BOTTOM SAMPLE 82 @ 2'						10/18/22		10:06AM									
14		BOTTOM SAMPLE 82 @ 3'						10/18/22		10:14AM									
15		BOTTOM SAMPLE 82 @ 4'						10/18/22		10:21AM									
16		BOTTOM SAMPLE 83 @ 1'						10/18/22		10:29AM									
17		BOTTOM SAMPLE 83 @ 2'						10/18/22		10:37AM									
18		BOTTOM SAMPLE 83 @ 3'						10/18/22		10:45AM									
19		BOTTOM SAMPLE 83 @ 4'						10/18/22		10:54AM									
20																			
<small>PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising under this contract or for, 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 reasons or otherwise.</small>																			
Relinquished By:				Date: 10/20/22				Received By:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No							
				Time: 8:10 PM								Add'l Phone #:							
Relinquished By:				Date: 10-20-22				Received By:				Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No							
				Time: 1420								Add'l Fax #:							
Delivered By: (Circle One)				Sample Condition				CHECKED BY:											
				<input type="checkbox"/> Cool <input type="checkbox"/> Intact															
Sampler - UPS - Bus - Other:				<input type="checkbox"/> Yes <input type="checkbox"/> No															
				Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476															



ARDINAL LABORATORIES

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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. #:									
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		MATRIX		PRESERV.		SAMPLING	
								GROUNDWATER					
								WASTEWATER					
								SOIL					
								OIL					
								SLUDGE					
								OTHER :					
								ACID/BASE:					
								ICE / COOL					
								OTHER :					
								DATE		TIME			
H224941		BOTTOM SAMPLE 84 @ 1'		6		1		10/18/22		11:03AM		✓ Chloride	
21		BOTTOM SAMPLE 84 @ 2'						10/18/22		11:10AM		✓ BTEX	
22		BOTTOM SAMPLE 84 @ 3'						10/18/22		11:18AM		✓ TPH/EXT	
23		BOTTOM SAMPLE 84 @ 4'						10/18/22		11:26AM		✓	
24		BOTTOM SAMPLE 85 @ 1'						10/18/22		11:32AM		✓	
25		BOTTOM SAMPLE 85 @ 2'						10/18/22		11:39AM		✓	
26		BOTTOM SAMPLE 85 @ 3'						10/18/22		11:46AM		✓	
27		BOTTOM SAMPLE 85 @ 4'						10/18/22		11:52AM		✓	
28		BOTTOM SAMPLE 86 @ 1'						10/18/22		12:00PM		✓	
29		BOTTOM SAMPLE 86 @ 2'						10/18/22		12:08PM		✓	
30													
PLEASE NOTE: Liability and damages. Cardinal's liability and clients' 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 rendered by Cardinal. Repudiation of whether such claim is based upon and all the above stated reasons or otherwise.													
Relinquished By: [Signature]				Date: 10-20-22		Received By: [Signature]		Date: 10-20-22		Time: 8:00 AM		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Relinquished By: [Signature]				Date: 10-20-22		Received By: [Signature]		Date: 10-20-22		Time: 4:20		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Delivered By: (Circle One) [Signature]				Date: 10-20-22		Received By: [Signature]		Date: 10-20-22		Time: 4:20		REMARKS:	
Sampler - UPS - Bus - Other: -7.3°C/-7.9°C				Cool <input type="checkbox"/> Yes <input type="checkbox"/> No		Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		Sample Condition <input type="checkbox"/> Yes <input type="checkbox"/> No		CHECKED BY: [Signature]		Add'l Phone #:	
												Add'l Fax #:	

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ARDINAL LABORATORIES

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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.				BILL TO			
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:			
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 REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H224941	BOTTOM SAMPLE 86 @ 3'		1									Chloride
31	BOTTOM SAMPLE 86 @ 4'		1									BTEX
32	BOTTOM SAMPLE 87 @ 1'		1									TPH/EXT
33	BOTTOM SAMPLE 87 @ 2'		1									
34	BOTTOM SAMPLE 87 @ 3'		1									
35	BOTTOM SAMPLE 87 @ 4'		1									
36	BOTTOM SAMPLE 88 @ 1'		1									
37	BOTTOM SAMPLE 88 @ 2'		1									
38	BOTTOM SAMPLE 88 @ 3'		1									
39	BOTTOM SAMPLE 88 @ 4'		1									
40	BOTTOM SAMPLE 88 @ 4'		1									

Relinquished By:	Date: 10/20/22	Received By:	Date: 10/20/22
<i>[Signature]</i>		<i>[Signature]</i>	
Relinquished By:	Date: 10/20/22	Received By:	Date: 10/20/22
<i>[Signature]</i>		<i>[Signature]</i>	
Delivered By: (Circle One)	Time: 1420	Sample Condition:	CHECKED BY:
<input checked="" type="checkbox"/> UPS		<input checked="" type="checkbox"/> Intact	<i>[Signature]</i>
<input type="checkbox"/> Bus		<input type="checkbox"/> Yes	
<input type="checkbox"/> Other: -7.3°C / -7.9°C		<input type="checkbox"/> No	

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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(505) 393-2326 FAX (505) 393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		P.O. #:			
Address: P.O. Box 805		Company: Oxy			
City: Hobbs		Attn:			
Phone #: 575-397-6388		Address:			
Fax #: 575-397-0397		City:			
Project #:		State:			
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 :			
41	BOTTOM SAMPLE 89 @ 1'											Chloride
42	BOTTOM SAMPLE 89 @ 2'											BIEX
43	BOTTOM SAMPLE 89 @ 3'											TPH EXT
44	BOTTOM SAMPLE 89 @ 4'											
45	BOTTOM SAMPLE 90 @ 1'											
46	BOTTOM SAMPLE 90 @ 2'											
47	BOTTOM SAMPLE 90 @ 3'											
48	BOTTOM SAMPLE 90 @ 4'											
49	BOTTOM SAMPLE 91 @ 1'											
50	BOTTOM SAMPLE 91 @ 2'											

Relinquished By:	Date: 10-20-22	Received By:	Date: 10-20-22	Time: 8:00 PM	Sample Condition:	CHECKED BY:	Phone Result:	Fax Result:	Add'l Phone #:	Add'l Fax #:
<i>Simon</i>		<i>Simon</i>			<input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	<i>Simon</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No		

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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. #:												
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:												
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	MATRIX			PRESERV	SAMPLING						
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL	OTHER :		
4224941	BOTTOM SAMPLE 91 @ 3'	✓	1	✓							✓			
51	BOTTOM SAMPLE 91 @ 4'													
52	BOTTOM SAMPLE 91 @ 1'													
53	BOTTOM SAMPLE 92 @ 2'													
54	BOTTOM SAMPLE 92 @ 3'													
55	BOTTOM SAMPLE 92 @ 4'													
56	BOTTOM SAMPLE 93 @ 1'													
57	BOTTOM SAMPLE 93 @ 2'													
58	BOTTOM SAMPLE 93 @ 3'													
59	BOTTOM SAMPLE 93 @ 4'													
60	BOTTOM SAMPLE 93 @ 4'													
<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 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 reasons or otherwise.</small>														
Relinquished By:		Date: 10-20-22	Received By: [Signature]											
Relinquished By: [Signature]		Date: 10-20-22	Received By: [Signature]											
Delivered By: (Circle One)		Date: 10-20-22	Received By: [Signature]											
Delivered By: [Signature]		Date: 10-20-22	Received By: [Signature]											
Sampler - UPS - Bus - Other:		Sample Condition	CHECKED BY: (Initials)											
-7.3c/-7.9c		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	YO											

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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. 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 #:	
FOR LAB USE ONLY		BILL TO	
Lab I.D. HZ24941 61 62 63 64 65 66 67 68 69 70	Sample I.D. BOTTOM SAMPLE 94@1' BOTTOM SAMPLE 94@2' BOTTOM SAMPLE 94@3' BOTTOM SAMPLE 94@4' BOTTOM SAMPLE 95@1' BOTTOM SAMPLE 95@2' BOTTOM SAMPLE 95@3' BOTTOM SAMPLE 95@4' BOTTOM SAMPLE 96@1' BOTTOM SAMPLE 96@2'	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE TIME 10/19/22 8:30AM 10/19/22 8:39AM 10/19/22 8:46AM 10/19/22 8:55AM 10/19/22 9:05AM 10/19/22 9:12AM 10/19/22 9:20AM 10/19/22 9:28AM 10/19/22 9:37AM 10/19/22 9:45AM
Relinquished By: Date: 10-20-22 Time: 8:00 AM Received By: [Signature] Date: 10-20-22 Time: 10:00 AM Received By: [Signature]		ANALYSIS REQUEST	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -7.3c/-7.9c #113 Sample Condition: <input checked="" type="checkbox"/> Cool <input type="checkbox"/> Intact Checked By: [Signature] (Initials)		Chloride BTEX TPHEXT	
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

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 State: NM Zip: 88241					
Phone #: 575-397-6388 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					
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					
TPH EXT					



ARDINAL LABORATORIES

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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											
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 #: 575-397-0397		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															

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>[Signature]</i>	Time: 1:40	Sample Condition: <i>[Signature]</i>	CHECKED BY: <i>[Signature]</i>
Sampler - UPS - Bus - Other: <i>[Signature]</i>	Time: 1:30 / 1:19	Cool Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initials: <i>[Signature]</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 160198

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 160198
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
amaxwell	None	2/9/2023