

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 Coordinator
 Signature: *Wade Dittrich* Date: 11-7-22
 email: 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: *Ashley Maxwell* Date: 2/9/2023
 Printed 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	

Closure

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

OCD Only

Received by: _____ Date: _____

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Closure Approved by:  Date: 2/09/2023
 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	
Application ID	

Closure

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

OCD Only

Received by: _____ Date: _____

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

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

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

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



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

Cliff

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

Thanks,
Jennifer Nobui

From: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Sent: Wednesday, October 12, 2022 8:22 AM
To: Bratcher, Michael, EMNRD <mike.bratcher@emnrd.nm.gov>; Nobui, Jennifer, EMNRD <Jennifer.Nobui@emnrd.nm.gov>; Harimon, Jocelyn, EMNRD <Jocelyn.Harimon@emnrd.nm.gov>; Hamlet, Robert, EMNRD <Robert.Hamlet@emnrd.nm.gov>; Velez, Nelson, EMNRD

<Nelson.Velez@emnrd.nm.gov>

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

From: Cliff Brunson <cbrunson@bbcinternational.com>

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

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

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

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

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

This is a notification that BBC will conduct confirmation sampling on behalf of OXY at the SDS 11 Federal #1 SWD (8/17/16 – nAB1625156773), (1/16/17 – nAB1702741728), (3/31/17 – nAB1710041956) on Tuesday, October 11, 2022 at 9:00 a.m.

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



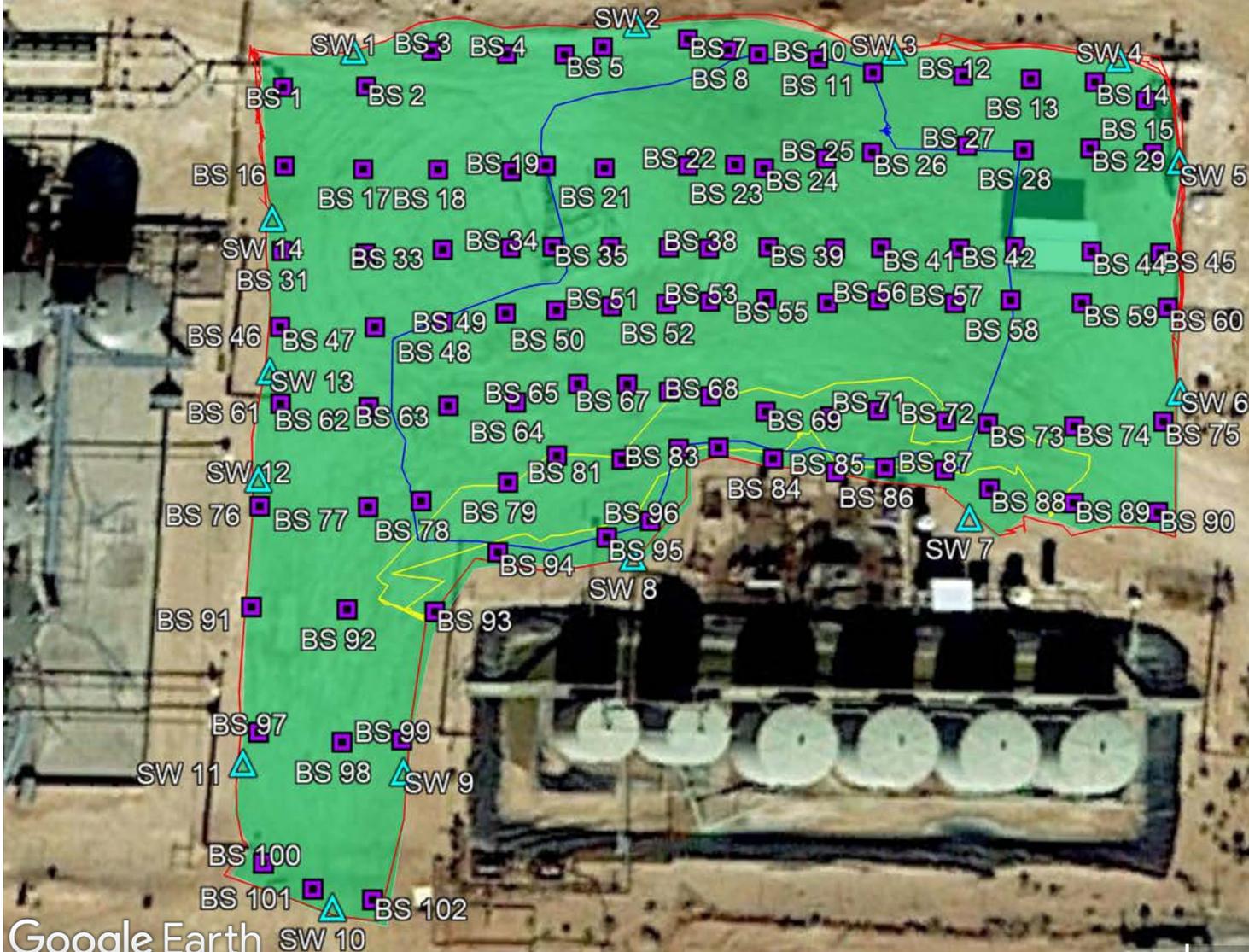
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OXY - SDS 11 FEDERAL #1 SWD FACILITY

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 SW 10



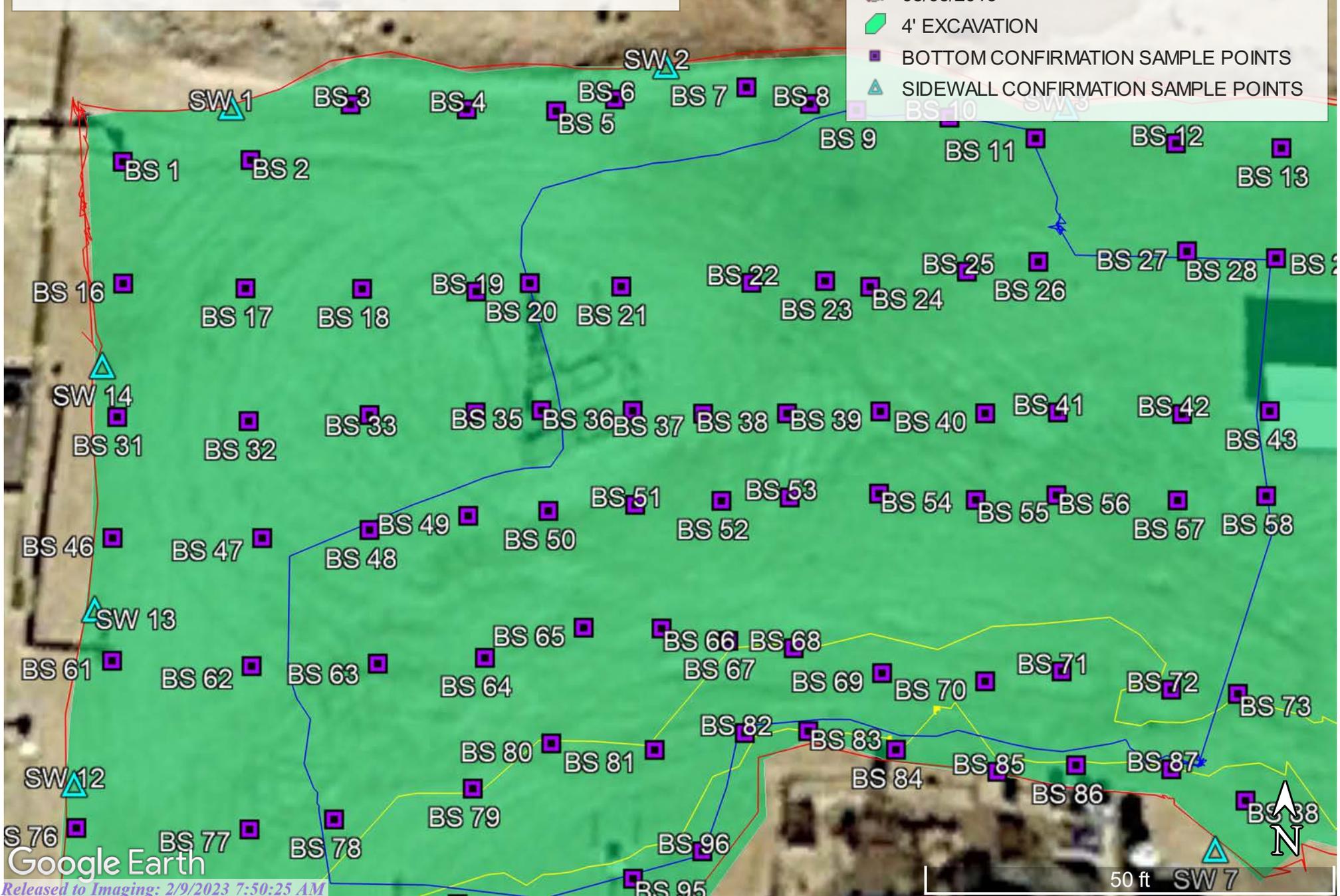
100 ft

OXY - SDS 11 FEDERAL #1 SWD FACILITY

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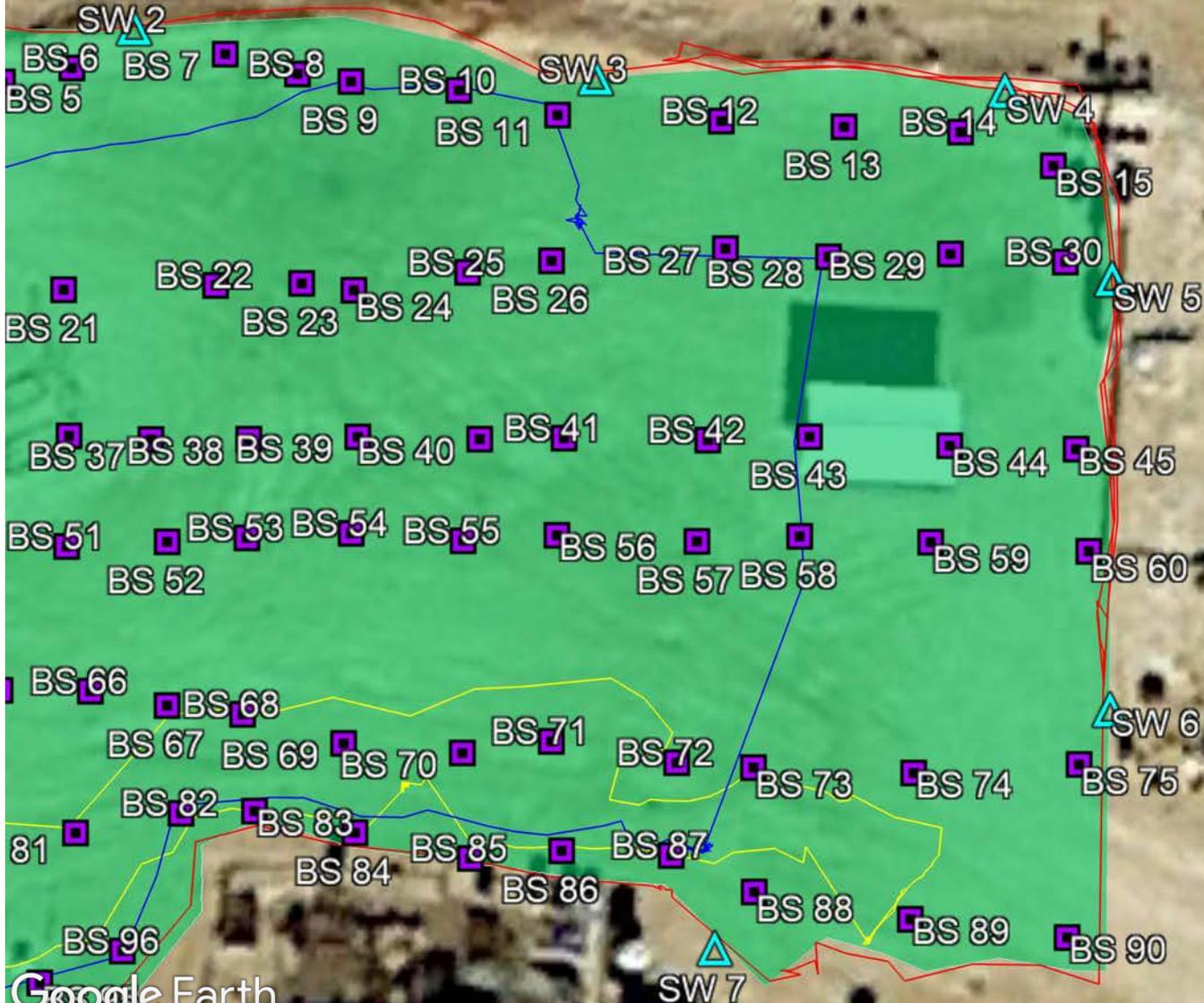


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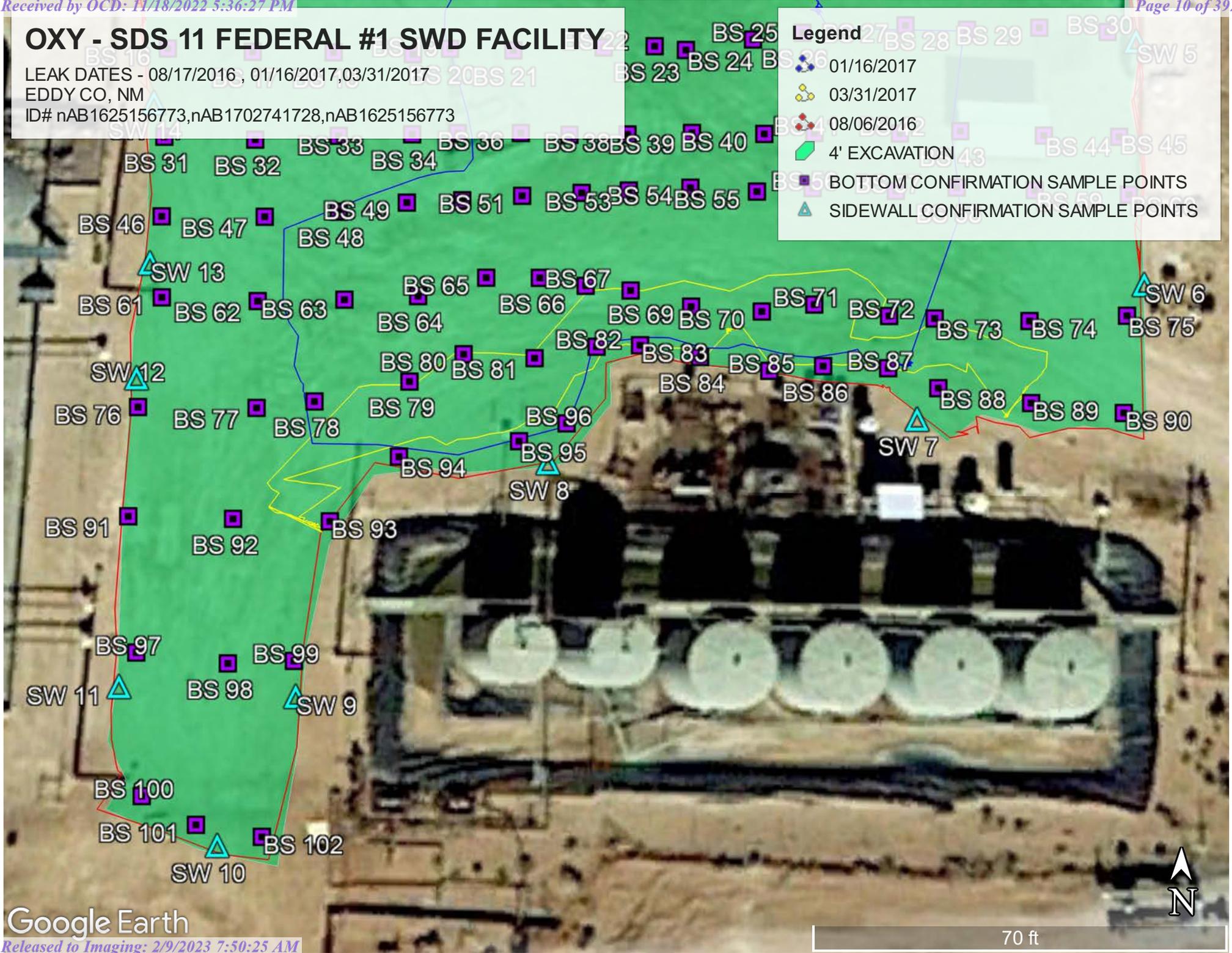


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OXY -SDS 11 FED #1 SWD (8/17/16,1/16/17,3/31/17)
SAMPLE DATE 10/11/22-10/19/22

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-10375082
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

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



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





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





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





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





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

October 24, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SDS 11 FEDERAL #1 SWD

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene". The signature is written in a cursive style.

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



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 @ 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, 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 83.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2022	ND	1.99	99.7	2.00	4.85	
Toluene*	<0.050	0.050	10/22/2022	ND	2.12	106	2.00	4.19	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.98	99.1	2.00	4.36	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.97	99.6	6.00	5.24	
Total BTEX	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	432	108	400	3.64	

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

Surrogate: 1-Chlorooctane 93.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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 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



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 2 @ 2' (H224933-06)

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	10/21/2022	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	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



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 2 @ 3' (H224933-07)

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

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

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

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 @ 4' (H224933-08)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	

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

Surrogate: 1-Chlorooctane 92.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Surrogate: 1-Chlorooctane 84.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	2.25		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11		
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49		
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND						

Surrogate: 1-Chlorooctane 85.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 98.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 87.2 % 69.9-140

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

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 132 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Analytical Results For:

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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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 69.9-140

Chloride, 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 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)

BTEX 8021B		mg/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) 90.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/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



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 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 90.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 96.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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	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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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 6 @ 3' (H224933-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	2.25	
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	1.84	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.02	101	2.00	1.45	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.09	101	6.00	0.907	
Total BTEX	<0.300	0.300	10/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	214	107	200	3.11	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	206	103	200	5.49	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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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 6 @ 4' (H224933-24)

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	10/21/2022	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 93.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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 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



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 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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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 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, 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	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)

BTEX 8021B		mg/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) 90.1 % 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	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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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 8 @ 2' (H224933-30)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.6 % 69.9-140

Chloride, 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 84.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 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 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, 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 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, 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 133 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 87.8 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	432	108	400	3.64		

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

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	432	108	400	3.64		

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

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 46.3-178

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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 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 69.9-140

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/21/2022	ND	2.22	111	2.00	8.09		
Toluene*	<0.050	0.050	10/21/2022	ND	2.10	105	2.00	7.03		
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	102	2.00	7.80		
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.13	102	6.00	7.96		
Total BTEX	<0.300	0.300	10/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.7 % 69.9-140

Chloride, 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 121 % 45.3-161

Surrogate: 1-Chlorooctadecane 141 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 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 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, 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 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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	432	108	400	3.64		

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

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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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 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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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 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, 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 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)

BTEX 8021B		mg/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) 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
 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 @ 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, 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 12 @ 2' (H224933-46)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	432	108	400	3.64	

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

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 133 % 46.3-178

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Analytical Results For:

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 @ 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, 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 111 % 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 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, 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	201	100	200	9.69	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	202	101	200	16.7	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Analytical Results For:

BBC International, Inc.
 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 @ 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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 @ 2' (H224933-50)

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	10/21/2022	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) 101 % 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 102 % 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:	10/11/2022
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, 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 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, 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 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:	10/11/2022
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, 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 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					

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

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

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

Surrogate: 1-Chlorooctane 99.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					

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

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

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

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 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 @ 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, 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 106 % 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:	10/11/2022
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, 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 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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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 16 @ 3' (H224933-63)

BTEX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/21/2022	ND	2.06	103	2.00	7.04	
Toluene*	<0.050	0.050	10/21/2022	ND	2.07	103	2.00	7.79	
Ethylbenzene*	<0.050	0.050	10/21/2022	ND	2.03	101	2.00	7.77	
Total Xylenes*	<0.150	0.150	10/21/2022	ND	6.20	103	6.00	8.20	
Total BTEX	<0.300	0.300	10/21/2022	ND					

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

Chloride, 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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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 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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctane 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 @ 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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	416	104	400	3.77	

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

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140

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

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

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	416	104	400	3.77		

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

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 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 @ 4' (H224933-68)

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	2.22	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) 93.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	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, 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	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, 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	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, 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	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)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, 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	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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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 19 @ 1' (H224933-73)

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	10/22/2022	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) 94.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	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



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 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, 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	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



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 19 @ 3' (H224933-75)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

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

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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 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, 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	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)

BTEX 8021B		mg/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) 93.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92		

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

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/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) 93.5 % 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	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, 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	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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	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



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

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 104 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92		

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

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 113 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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 21 @ 3' (H224933-83)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	2.22	111	2.00	0.427		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.6 % 69.9-140

Chloride, 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	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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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 21 @ 4' (H224933-84)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	203	101	200	6.95	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	186	93.0	200	3.19	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 125 % 45.3-161

Surrogate: 1-Chlorooctadecane 148 % 46.3-178

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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2022	ND	2.22	111	2.00	0.427	
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	0.730	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.04	102	2.00	0.336	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.17	103	6.00	0.142	
Total BTEX	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

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



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Analytical Results For:

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 @ 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, 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 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:

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 @ 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, 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 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 123 % 46.3-178

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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 @ 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



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 @ 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



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 @ 2' (H224933-94)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2022	ND	2.12	106	2.00	2.42		
Toluene*	<0.050	0.050	10/23/2022	ND	2.04	102	2.00	1.77		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.95	97.5	2.00	1.71		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.88	98.0	6.00	2.48		
Total BTEX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140

Chloride, 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 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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Celey D. Keene

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.
 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
 Project Name: SIMON

FOR LAB USE ONLY

BILL TO

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

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)GRAB OR (C)COMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H224933	BOTTOM SAMPLE 1@1'		6			<input checked="" type="checkbox"/>				10/11/22	8:25AM	Chloride
	BOTTOM SAMPLE 1@2'		1			<input checked="" type="checkbox"/>				10/11/22	8:33AM	BTEX
	BOTTOM SAMPLE 1@3'		1			<input checked="" type="checkbox"/>				10/11/22	8:40AM	TPH EXT
	BOTTOM SAMPLE 1@4'		1			<input checked="" type="checkbox"/>				10/11/22	8:48AM	
	BOTTOM SAMPLE 2@1'		1			<input checked="" type="checkbox"/>				10/11/22	8:55AM	
	BOTTOM SAMPLE 2@2'		1			<input checked="" type="checkbox"/>				10/11/22	9:04AM	
	BOTTOM SAMPLE 2@3'		1			<input checked="" type="checkbox"/>				10/11/22	9:12AM	
	BOTTOM SAMPLE 2@4'		1			<input checked="" type="checkbox"/>				10/11/22	9:20AM	
	BOTTOM SAMPLE 3@1'		1			<input checked="" type="checkbox"/>				10/11/22	9:27AM	
	BOTTOM SAMPLE 3@2'		1			<input checked="" type="checkbox"/>				10/11/22	9:34AM	

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Relinquished By: *[Signature]* Date: 10-20-22 Time: 8:00am
 Received By: *[Signature]* Date: 10-20-22 Time: 11:45am
 Delivered By: (Circle One) *[Signature]* #113
 Sampler - UPS - Bus - Other: -0.4°C / -1.0°C
 Sample Condition: Cool Intact
 CHECKED BY: *[Signature]*

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. **BILL TO** P.O. #:
 Project Manager: Cliff Brunson Company: Oxy
 Address: P.O. Box 805 Attn:
 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 State: Zip:
 Sample Name: SIMON Phone #:
 FOR LAB USE ONLY Fax #:

Lab I.D.	Sample I.D.	(G)GRAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS REQUEST
H224933	BOTTOM SAMPLE 3@3'	<input checked="" type="checkbox"/>		GROUNDWATER			10/11/22	9:41AM	Chloride
	BOTTOM SAMPLE 3@4	<input checked="" type="checkbox"/>		WASTEWATER			10/11/22	9:49AM	BTEX
	BOTTOM SAMPLE 4@1'	<input checked="" type="checkbox"/>		SOIL			10/11/22	9:57AM	TPH EXT
	BOTTOM SAMPLE 4@2'	<input checked="" type="checkbox"/>		OIL			10/11/22	10:08AM	
	BOTTOM SAMPLE 4@3'	<input checked="" type="checkbox"/>		SLUDGE			10/11/22	10:16AM	
	BOTTOM SAMPLE 4@4'	<input checked="" type="checkbox"/>		OTHER :			10/11/22	10:25AM	
	BOTTOM SAMPLE 5@1'	<input checked="" type="checkbox"/>		ACID/BASE:			10/11/22	10:34AM	
	BOTTOM SAMPLE 5@2'	<input checked="" type="checkbox"/>		ICE / COOL			10/11/22	10:40AM	
	BOTTOM SAMPLE 5@3'	<input checked="" type="checkbox"/>		OTHER :			10/11/22	10:49AM	
	BOTTOM SAMPLE 5@4'	<input checked="" type="checkbox"/>					10/11/22	10:57AM	

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Relinquished By: *[Signature]* Date: 10-20-22 Received By: *[Signature]* Date: 10-20-22
 Relinquished By: *[Signature]* Time: 8:00 AM Received By: *[Signature]* Time: 11:45
 Delivered By: (Circle One) *[Signature]* Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: -0.4c/-1.0c Yes No
 CHECKED BY: *[Signature]* (Initials) *[Signature]*
 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
 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

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV	SAMPLING	DATE	TIME	ANALYSIS REQUEST
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
H224933	BOTTOM SAMPLE 6@1'										10/11/22	11:06AM	✓	Chloride
	BOTTOM SAMPLE 6@2'										10/11/22	11:14AM	✓	BTEX
	BOTTOM SAMPLE 6@3'										10/11/22	11:20AM	✓	TPV EXT
	BOTTOM SAMPLE 6@4'										10/11/22	11:28AM	✓	
	BOTTOM SAMPLE 7@1'										10/11/22	11:37AM	✓	
	BOTTOM SAMPLE 7@2'										10/11/22	11:45AM	✓	
	BOTTOM SAMPLE 7@3'										10/11/22	11:54AM	✓	
	BOTTOM SAMPLE 7@4'										10/11/22	12:03PM	✓	
	BOTTOM SAMPLE 8@1'										10/11/22	12:14PM	✓	
	BOTTOM SAMPLE 8@2'										10/11/22	12:20PM	✓	

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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] #13
 Sampler - UPS - Bus - Other: -0461-100
 Sample Condition: Cool Intact
 Yes No
 CHECKED BY: [Signature] (Initials) [Signature]



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

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

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						PRESERV		DATE	TIME	Chloride	BTEX	TPH EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:	ICE / COOL					
H224933	51	✓	1			✓					10/11/22	12:28PM	✓	✓	✓	
	52										10/11/22	12:36PM	✓	✓	✓	
	33										10/11/22	12:43PM	✓	✓	✓	
	34										10/11/22	12:52PM	✓	✓	✓	
	35										10/11/22	1:02PM	✓	✓	✓	
	36										10/11/22	1:10PM	✓	✓	✓	
	37										10/11/22	1:16PM	✓	✓	✓	
	38										10/11/22	1:23PM	✓	✓	✓	
	39										10/11/22	1:30PM	✓	✓	✓	
	40										10/11/22	1:37PM	✓	✓	✓	

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Relinquished By: *[Signature]* Date: 10-20-22
 Received By: *[Signature]* Date: 10-20-22
 Time: 8:00AM
 Delivered By: (Circle One) *[Signature]* Time: 11:45
 Sampler - UPS - Bus - Other: *[Signature]* #115
 Sample Condition: Cool Intact
 Checked By: *[Signature]* (Initials) *[Signature]*

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

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 101 East Marland, Hobbs, NM 88240
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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #:
 Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)
 Project Location: New Mexico
 Sampler Name: SIMON

BILL TO
 P.O. #:
 Company: Oxy
 Attn:
 Address:
 City:
 State:
 Zip:
 Phone #:
 Fax #:
ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
H224933	41						10/11/22	1:44PM	Chloride
	42						10/11/22	1:51PM	BTEX
	43						10/11/22	1:59PM	TPH EXT
	44						10/11/22	2:07PM	
	45						10/11/22	2:14PM	
	46						10/11/22	2:20PM	
	47						10/11/22	2:27PM	
	48						10/11/22	2:32PM	
	49						10/11/22	2:39PM	
	50						10/11/22	2:45PM	

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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: 1:45 #113 Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: -0.4e / -1.0e Yes No Yes No
 CHECKED BY: *[Signature]* (Initials) *[Signature]*
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes No Add'l Fax #:
 REMARKS:
 † Cardinal cannot accept verbal changes. Please fax written changes to 505-393-2476



ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #: [blank]
 Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)
 Project Location: New Mexico
 Sampler Name: SIMON

P.O. #: [blank]
 Company: Oxy
 Attn: [blank]
 Address: [blank]
 City: [blank]
 State: [blank]
 Zip: [blank]
 Phone #: [blank]
 Fax #: [blank]

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
424933	51		1							10/11/22	2:52PM	Chloride
	52		1							10/11/22	3:00PM	BTEX
	53		1							10/11/22	3:08PM	TPH/EXT
	54		1							10/11/22	3:15PM	
	55		1							10/11/22	3:21PM	
	56		1							10/11/22	3:27PM	
	57		1							10/11/22	3:33PM	
	58		1							10/11/22	3:39PM	
	59		1							10/11/22	3:44PM	
	60		1							10/11/22	3:51PM	

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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) Small Firm [X] Large Firm []
 Sampler - UPS - Bus - Other: -0.14°C / -1.0°C

Sample Condition: Cool Intact [X] Yes [] No []
 CHECKED BY: [Signature] (Initials) []
 Phone Result: [] Yes [] No [] Add'l Phone #: []
 Fax Result: [] Yes [] No [] Add'l Fax #: []
 REMARKS: []

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ARDINAL LABORATORIES

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 State: NM Zip: 88241
 Phone #: 575-397-6388 Fax #: 575-397-0397
 Project #:
 Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)
 Project Location: New Mexico
 Sampler Name: SIMON

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

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX							DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :	ACID/BASE:			
H24933	61		1								10/11/22	2:52PM	Chloride
	62		1								10/11/22	3:00PM	BTEX
	63		1								10/11/22	3:08PM	TPH/EXT
	64		1								10/11/22	3:15PM	

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Relinquished By: *[Signature]* Date: 10-20-22
 Relinquished By: *[Signature]* Date: 10-20-22
 Delivered By: (Circle One) *[Signature]* Date: 10-20-22
 Sampler - UPS - Bus - Other: *[Signature]* Date: 10-20-22
 Sample Condition: Cool Intact
 Yes No

Received By: *[Signature]* Date: 10-20-22
 Received By: *[Signature]* Date: 10-20-22
 CHECKED BY: *[Signature]* (Initials)
 Phone Result: Yes No Add'l Phone #:
 Fax Result: Yes 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.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #:
 Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)
 Project Location: New Mexico
 Sampler Name: SIMON

State: NM Zip: 88241
 Fax #: 575-397-0397
 Project Owner: Oxy
 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	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
H224933	BOTTOM SAMPLE 19@3'	(G)	1	SOIL	ICE / COOL		10/12/22	9:38AM	Chloride
75	BOTTOM SAMPLE 19@4'		1	SOIL	ICE / COOL		10/12/22	9:47AM	BTEX
76	BOTTOM SAMPLE 20@1'		1	SOIL	ICE / COOL		10/12/22	9:56AM	TPH EXT
77	BOTTOM SAMPLE 20@2'		1	SOIL	ICE / COOL		10/12/22	10:07AM	
78	BOTTOM SAMPLE 20@3'		1	SOIL	ICE / COOL		10/12/22	10:14AM	
79	BOTTOM SAMPLE 20@4'		1	SOIL	ICE / COOL		10/12/22	10:21AM	
80	BOTTOM SAMPLE 21@1'		1	SOIL	ICE / COOL		10/12/22	10:30AM	
81	BOTTOM SAMPLE 21@2'		1	SOIL	ICE / COOL		10/12/22	10:38AM	
82	BOTTOM SAMPLE 21@3'		1	SOIL	ICE / COOL		10/12/22	10:46AM	
83	BOTTOM SAMPLE 21@4'		1	SOIL	ICE / COOL		10/12/22	10:54AM	
84	BOTTOM SAMPLE 21@4'		1	SOIL	ICE / COOL		10/12/22	10:54AM	

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Relinquished By: *[Signature]* Date: 10-20-22 Received By: *[Signature]* Date: 10-20-22
 Time: 8:00 AM
 Delivered By: (Circle One) *[Signature]* Time: 11:45 AM
 Sampler - UPS - Bus - Other: -0.4 ei / -1.0 ei #113
 Sample Condition: Intact Yes No
 Cool Yes No
 CHECKED BY: *[Signature]* (Initials) *[Signature]*
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS:

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #: [blank]
 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. #: [blank]
 Company: Oxy
 Attn: [blank]
 Address: [blank]
 City: [blank]
 State: [blank]
 Phone #: [blank]
 Fax #: [blank]

ANALYSIS REQUEST

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
H224933	BOTTOM SAMPLE 22@1'			SOIL			10/12/22	11:02AM	Chloride
	BOTTOM SAMPLE 22@2'			SOIL			10/12/22	11:12AM	BTEX
	BOTTOM SAMPLE 22@3'			SOIL			10/12/22	11:20AM	TPH EXT
	BOTTOM SAMPLE 22@4'			SOIL			10/12/22	11:29AM	
	BOTTOM SAMPLE 23@1'			SOIL			10/12/22	11:36AM	
	BOTTOM SAMPLE 23@2'			SOIL			10/12/22	11:45AM	
	BOTTOM SAMPLE 23@3'			SOIL			10/12/22	11:54AM	
	BOTTOM SAMPLE 23@4'			SOIL			10/12/22	12:03PM	
	BOTTOM SAMPLE 24@1'			SOIL			10/12/22	12:10PM	
	BOTTOM SAMPLE 24@2'			SOIL			10/12/22	12:19PM	

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Relinquished By: [Signature] Date: 10-20-22 Time: 8:00 AM
 Received By: [Signature] Date: 11-20-22 Time: 11:45
 Delivered By: (Circle One) [Signature] #113
 Sampler - UPS - Bus - Other: -0.4% / -1.0%
 Sample Condition: Intact Yes No
 Cool Yes No
 CHECKED BY: [Signature] (Initials) [Signature]
 Phone Result: Yes No
 Fax Result: Yes No
 Add'l Phone #: [blank]
 Add'l Fax #: [blank]
 REMARKS: [blank]

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

October 24, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SDS 11 FEDERAL #1 SWD

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

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

A handwritten signature in black ink that reads "Celey D. Keene".

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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 @ 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, 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 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 47 @ 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, 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 98.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

Cardinal Laboratories

*=Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

Cardinal Laboratories

* = 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:	10/14/2022
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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 101 % 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:	10/14/2022
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



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Analytical Results For:

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, 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	10/22/2022	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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 50 @ 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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 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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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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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 51 @ 2' (H224936-18)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEX	<0.300	0.300	10/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	195	97.5	200	4.63		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	194	96.9	200	6.37		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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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 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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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 51 @ 4' (H224936-20)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	1.96	98.1	2.00	2.60		
Toluene*	<0.050	0.050	10/22/2022	ND	2.11	105	2.00	1.41		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	1.96	97.8	2.00	2.74		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	5.90	98.3	6.00	2.75		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69		

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

Surrogate: 1-Chlorooctane 118 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2022	ND	1.96	98.1	2.00	2.60	
Toluene*	<0.050	0.050	10/23/2022	ND	2.11	105	2.00	1.41	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.96	97.8	2.00	2.74	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.90	98.3	6.00	2.75	
Total BTEX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

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



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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 52 @ 2' (H224936-22)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69		

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

Surrogate: 1-Chlorooctane 124 % 45.3-161

Surrogate: 1-Chlorooctadecane 146 % 46.3-178

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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 52 @ 3' (H224936-23)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEX	<0.300	0.300	10/23/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	7.69		

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

Surrogate: 1-Chlorooctane 116 % 45.3-161

Surrogate: 1-Chlorooctadecane 137 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

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

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

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/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



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Analytical Results For:

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



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Analytical Results For:

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)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 97.5 % 69.9-140

Chloride, 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	10/22/2022	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)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2022	ND	1.99	99.6	2.00	1.93		
Toluene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	1.72		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	1.97	98.3	2.00	2.90		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	5.91	98.4	6.00	2.98		
Total BTEX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.4 % 69.9-140

Chloride, 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	10/22/2022	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, 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	10/22/2022	ND	200	100	200	3.84		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	203	102	200	6.40		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCS/D 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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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. 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 #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		BILL TO	
FOR LAB USE ONLY Lab I.D. Sample I.D.		ANALYSIS REQUEST	
1 BOTTOM SAMPLE 47@1' 2 BOTTOM SAMPLE 47@2' 3 BOTTOM SAMPLE 47@3' 4 BOTTOM SAMPLE 47@4' 5 BOTTOM SAMPLE 48@1' 6 BOTTOM SAMPLE 48@2' 7 BOTTOM SAMPLE 48@3' 8 BOTTOM SAMPLE 48@4' 9 BOTTOM SAMPLE 49@1' 10 BOTTOM SAMPLE 49@2'		(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER MATRIX: SOIL <input checked="" type="checkbox"/> OIL SLUDGE OTHER : PRESERV: ACID/BASE: ICE / COOL OTHER : DATE TIME 10/13/22 3:44PM 10/13/22 3:50PM 10/13/22 3:57PM 10/13/22 4:06PM 10/14/22 8:16AM 10/14/22 8:23AM 10/14/22 8:30AM 10/14/22 8:38AM 10/14/22 8:42AM 10/14/22 8:50AM	
Relinquished By: _____ Date: 10/20/22 Time: 8:00 AM Received By: _____ Date: 10/20/22 Time: 11:45 AM Delivered By: (Circle One) _____ Sampler - UPS - Bus - Other: -D, 4/1-1.0c Sample Condition: Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> 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 #: _____	
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 on any of the above stated reasons or otherwise.		Chloride BTEX TPH EXT	

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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			
FOR LAB USE ONLY	Lab I.D. <i>H224936</i>	Sample I.D.	
	11 BOTTOM SAMPLE 49@3' 12 BOTTOM SAMPLE 49@4' 13 BOTTOM SAMPLE 50@1' 14 BOTTOM SAMPLE 50@2' 15 BOTTOM SAMPLE 50@3' 16 BOTTOM SAMPLE 50@4' 17 BOTTOM SAMPLE 51@1' 18 BOTTOM SAMPLE 51@2' 19 BOTTOM SAMPLE 51@3' 20 BOTTOM SAMPLE 51@4'	(G)RAB OR (C)OMP. <i>6</i> # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ MATRIX: SOIL <input checked="" type="checkbox"/> OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL <input checked="" type="checkbox"/> OTHER: _____ PRESERV: _____ SAMPLING: _____	DATE: 10/14/22 8:57AM ✓ 10/14/22 9:06AM ✓ 10/14/22 9:14AM ✓ 10/14/22 9:20AM ✓ 10/14/22 9:26AM ✓ 10/14/22 9:31AM ✓ 10/14/22 9:39AM ✓ 10/14/22 9:46AM ✓ 10/14/22 9:53AM ✓ 10/14/22 10:00AM ✓
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Relinquished By: <i>[Signature]</i>	Date: <i>10-20-22</i>	Received By: <i>[Signature]</i>	Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No
Delivered By: (Circle One) Sampler - UPS <input type="checkbox"/> Bus <input type="checkbox"/> Other: <i>-0.4c/-1.0c</i>	Time: <i>11:45</i>	Sample Condition: <i>#113</i> Cool <input type="checkbox"/> Intact <input type="checkbox"/>	ADD'l Phone #: _____ ADD'l Fax #: _____
CHECKED BY: <i>[Signature]</i> 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		State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____		BILL TO	
FOR LAB USE ONLY Lab I.D. H224934 Sample I.D.		ANALYSIS REQUEST	
BOTTOM SAMPLE 52@1' BOTTOM SAMPLE 52@2' BOTTOM SAMPLE 52@3' BOTTOM SAMPLE 52@4' BOTTOM SAMPLE 53@1' BOTTOM SAMPLE 53@2' BOTTOM SAMPLE 53@3' BOTTOM SAMPLE 53@4' BOTTOM SAMPLE 54@1' BOTTOM SAMPLE 54@2' BOTTOM SAMPLE 54@2'		(G)RAB OR (C)OMP. <input checked="" type="checkbox"/> # CONTAINERS _____ GROUNDWATER _____ WASTEWATER _____ SOIL <input checked="" type="checkbox"/> OIL _____ SLUDGE _____ OTHER : _____ ACID/BASE: _____ ICE / COOL _____ OTHER : _____	
DATE 10/14/22 10/14/22 10/14/22 10/14/22 10/14/22 10/14/22 10/14/22 10/14/22 10/14/22 10/14/22		TIME 10:09AM 10:18AM 10:23AM 10:31AM 10:38AM 10:47AM 10:55AM 11:03AM 11:10AM 11:18AM	
CHECKED BY: _____ RECEIVED BY: _____ DATE: 10-20-22 TIME: 5:00 PM RECEIVED BY: _____ DATE: 10-20-22 TIME: 1:45		SAMPLE CONDITION Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> #1/3 -0.4% / -1.0% CHECKED BY: _____ (Initials)	
Relinquished By: _____ Delivered By: (Circle One) Sampler - UPS - Bus - Other: _____		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 #: _____	

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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:	10/12/2022
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, SM4500CI-B		mg/kg		Analyzed By: 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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* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 25 @ 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, 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 73.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 89.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/12/2022
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)

BTEX 8021B		mg/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 93.2 % 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 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, 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 90.7 % 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:	10/12/2022
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, 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 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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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 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTEX 8021B		mg/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) 92.4 % 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	219	110	200	12.4	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	227	113	200	17.3	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 86.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 69.9-140

Chloride, 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	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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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 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, 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	QM-07	

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

Surrogate: 1-Chlorooctane 82.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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 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, 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	10/22/2022	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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* = 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 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, 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	10/22/2022	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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	10/22/2022	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, 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	10/22/2022	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



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

Analytical Results For:

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

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

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

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2022	ND	2.24	112	2.00	1.43		
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68		
Total BTEX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

Chloride, 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	10/22/2022	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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	10/22/2022	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)

BTEX 8021B		mg/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 78.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 88.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 29 @ 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, 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	10/22/2022	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



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 @ 1' (H224935-23)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2022	ND	2.24	112	2.00	1.43	
Toluene*	<0.050	0.050	10/23/2022	ND	2.14	107	2.00	1.59	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.07	103	2.00	0.812	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.28	105	6.00	1.68	
Total BTEX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

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

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

Surrogate: 1-Chlorooctane 97.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Surrogate: 1-Chlorooctane 92.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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	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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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 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, 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	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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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 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, 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	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



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 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, 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	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, SM4500CI-B		mg/kg		Analyzed By: 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, 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 97.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/13/2022
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, 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	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, 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	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



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 34 @ 1' (H224935-39)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	207	104	200	8.11		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 34 @ 2' (H224935-40)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	207	104	200	8.11		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 109 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 35 @ 2' (H224935-44)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	2.25	112	2.00	5.94		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	6.36		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.07	103	2.00	5.54		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.28	105	6.00	5.92		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 90.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	384	96.0	400	8.00		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	207	104	200	8.11		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	208	104	200	7.68		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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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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 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, SM4500CI-B		mg/kg		Analyzed By: 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, 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 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)

BTEX 8021B		mg/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) 89.8 % 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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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 38 @ 1' (H224935-55)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 88.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 97.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 38 @ 2' (H224935-56)

BTEX 8021B		mg/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) 91.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 94.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 111 % 46.3-178

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Analytical Results For:

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, 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	10/22/2022	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)

BTEX 8021B		mg/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) 90.5 % 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	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, 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	10/22/2022	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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Analytical Results For:

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)

BTEX 8021B		mg/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) 91.4 % 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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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 40 @ 2' (H224935-64)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 95.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 118 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTEX 8021B		mg/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) 91.6 % 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	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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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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 41 @ 3' (H224935-69)

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	2.27	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) 90.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	203	101	200	1.04	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	186	92.9	200	3.91	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 99.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 41 @ 4' (H224935-70)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/22/2022	ND	2.27	113	2.00	0.620		
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00		
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112		
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127		
Total BTEX	<0.300	0.300	10/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92		
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	QM-07	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND						

Surrogate: 1-Chlorooctane 92.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 42 @ 1' (H224935-71)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/22/2022	ND	2.27	113	2.00	0.620	
Toluene*	<0.050	0.050	10/22/2022	ND	2.16	108	2.00	1.00	
Ethylbenzene*	<0.050	0.050	10/22/2022	ND	2.09	104	2.00	0.112	
Total Xylenes*	<0.150	0.150	10/22/2022	ND	6.33	105	6.00	0.127	
Total BTEX	<0.300	0.300	10/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	7.69	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 100 % 46.3-178

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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 42 @ 2' (H224935-72)

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	10/23/2022	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) 92.8 % 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	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)

BTEX 8021B		mg/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) 92.2 % 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	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTEX 8021B		mg/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) 92.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	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)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/21/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND					

Surrogate: 1-Chlorooctane 92.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 43 @ 3' (H224935-77)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92		
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80		
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND						

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92		
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80		
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND						

Surrogate: 1-Chlorooctane 80.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 44 @ 1' (H224935-79)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/21/2022	ND	171	85.7	200	8.92		
DRO >C10-C28*	<10.0	10.0	10/21/2022	ND	181	90.6	200	2.80		
EXT DRO >C28-C36	<10.0	10.0	10/21/2022	ND						

Surrogate: 1-Chlorooctane 94.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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* = 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:	10/13/2022
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, 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	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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 92.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 44 @ 4' (H224935-82)

BTEX 8021B		mg/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, 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 97.0 % 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 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, 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 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, 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 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)

BTEX 8021B		mg/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) 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	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 46 @ 1' (H224935-87)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/23/2022	ND	2.29	115	2.00	4.65		
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37		
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30		
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20		
Total BTEX	<0.300	0.300	10/23/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 91.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92		
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80		
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND						

Surrogate: 1-Chlorooctane 97.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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 @ 2' (H224935-88)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

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

Sample ID: BOTTOM SAMPLE 46 @ 3' (H224935-89)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/21/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/22/2022	ND	171	85.7	200	8.92	
DRO >C10-C28*	<10.0	10.0	10/22/2022	ND	181	90.6	200	2.80	
EXT DRO >C28-C36	<10.0	10.0	10/22/2022	ND					

Surrogate: 1-Chlorooctane 95.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/23/2022	ND	2.29	115	2.00	4.65	
Toluene*	<0.050	0.050	10/23/2022	ND	2.18	109	2.00	5.37	
Ethylbenzene*	<0.050	0.050	10/23/2022	ND	2.10	105	2.00	5.30	
Total Xylenes*	<0.150	0.150	10/23/2022	ND	6.33	106	6.00	4.20	
Total BTEX	<0.300	0.300	10/23/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, 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 104 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

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

Celey D. Keene, Lab Director/Quality Manager



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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc. Project Manager: Cliff Brunson Address: P.O. Box 805 City: Hobbs Phone #: 575-397-6388 Project #: _____ Project Name: SDS 11 FEDERAL #1 (8/17/16,11/6/17,3/31/17) Project Location: New Mexico Sampler Name: SIMON		P.O. #: _____ Company: Oxy Attn: _____ Address: _____ City: _____ State: _____ Zip: _____ Phone #: _____ Fax #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		BILL TO	
Matrix: <input checked="" type="checkbox"/> SOIL <input type="checkbox"/> GROUNDWATER <input type="checkbox"/> WASTEWATER <input type="checkbox"/> OIL <input type="checkbox"/> SLUDGE Other: _____ Acid/Base: _____ Ice/Cool: <input checked="" type="checkbox"/> Other: _____		ANALYSIS REQUEST	
Lab I.D. #1224935 12345678910	Sample I.D. BOTTOM SAMPLE 24@3' BOTTOM SAMPLE 24@4' BOTTOM SAMPLE 25@1' BOTTOM SAMPLE 25@2' BOTTOM SAMPLE 25@3' BOTTOM SAMPLE 25@4' BOTTOM SAMPLE 26@1' BOTTOM SAMPLE 26@2' BOTTOM SAMPLE 26@3' BOTTOM SAMPLE 26@4'	(G)RAB OR (C)OMP. # CONTAINERS MATRIX PRESERV SAMPLING	DATE TIME 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 AM Delivered By: (Circle One) <i>[Signature]</i> Sampler - UPS - Bus - Other: <i>[Signature]</i>		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 #: _____	

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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 #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		BILL TO	
FOR LAB USE ONLY Lab I.D. H224935		ANALYSIS REQUEST	
Sample I.D. 11 12 13 14 15 17 18 19 20	BOTTOM SAMPLE 27@1' BOTTOM SAMPLE 27@2' BOTTOM SAMPLE 27@3' BOTTOM SAMPLE 27@4' BOTTOM SAMPLE 28@1' BOTTOM SAMPLE 28@2' BOTTOM SAMPLE 28@3' BOTTOM SAMPLE 28@4' BOTTOM SAMPLE 29@1' BOTTOM SAMPLE 29@2'	(G)RAB OR (C)OMP. # CONTAINERS GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER : ACID/BASE: ICE / COOL OTHER :	DATE 10/12/22 10/12/22 10/12/22 10/12/22 10/12/22 10/12/22 10/12/22 10/12/22 10/12/22
			TIME 1:40PM 1:50PM 1:57PM 2:04PM 2:10PM 2:17PM 2:23PM 2:29PM 2:37PM 2:45PM
			Chloride BTEX TPH EXT
Relinquished By: <i>[Signature]</i> Date: 10-20-22 Time: 9:00 AM		Received By: <i>[Signature]</i> Date: 10-20-22 Time: 11:45	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>[Handwritten]</i>		Sample Condition Cool Intact Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
CHECKED BY: <i>[Signature]</i> (Initials)		Add'l Phone #: _____ Add'l Fax #: _____	
REMARKS: _____			

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BGC 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

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

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	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	ANALYSIS	
H224935	BOTTOM SAMPLE 29@3'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		10/12/22	2:52PM	✓	Chloride	✓				
	BOTTOM SAMPLE 29@4'	<input type="checkbox"/>											10/12/22	2:59PM	✓	BTEX	✓				
	BOTTOM SAMPLE 30@1'	<input type="checkbox"/>											10/12/22	3:06PM	✓	TPH EXT	✓				
	BOTTOM SAMPLE 30@2'	<input type="checkbox"/>											10/12/22	3:14PM	✓		✓				
	BOTTOM SAMPLE 30@3'	<input type="checkbox"/>											10/12/22	3:20PM	✓		✓				
	BOTTOM SAMPLE 30@4'	<input type="checkbox"/>											10/13/22	3:28PM	✓		✓				
	BOTTOM SAMPLE 31@1'	<input type="checkbox"/>											10/13/22	8:20AM	✓		✓				
	BOTTOM SAMPLE 31@2'	<input type="checkbox"/>											10/13/22	8:27AM	✓		✓				
	BOTTOM SAMPLE 31@3'	<input type="checkbox"/>											10/13/22	8:35AM	✓		✓				
	BOTTOM SAMPLE 31@4'	<input type="checkbox"/>											10/13/22	8:42AM	✓		✓				

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Relinquished By: *[Signature]* Date: 10-20-22 Time: 8:00AM
 Received By: *[Signature]* Date: 10-20-22 Time: 1:45
 Delivered By: (Circle One) *[Signature]* #113
 Sampler - UPS - Bus - Other: -Oil-100
 Cool Intact: Yes No
 Sample Condition: Yes No
 CHECKED BY: *[Signature]* (Initials) *[Signature]*
 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

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #:
 Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)
 Project Location: New Mexico
 Sampler Name: SIMON

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS REQUEST
H224935	31			SOIL			10/13/22	8:50AM	Chloride
	32			SOIL			10/13/22	9:00AM	BTEX
	33			SOIL			10/13/22	9:10AM	TRTEX
	34			SOIL			10/13/22	9:16AM	
	35			SOIL			10/13/22	9:23AM	
	36			SOIL			10/13/22	9:29AM	
	37			SOIL			10/13/22	9:36AM	
	38			SOIL			10/13/22	9:42AM	
	39			SOIL			10/13/22	9:50AM	
	40			SOIL			10/13/22	9:57AM	

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Relinquished By: *[Signature]*
 Date: 10-20-22
 Time: 8:00 AM
 Received By: *[Signature]*
 Date: 10-20-22
 Time: 11:45
 Delivered By: (Circle One) *[Signature]*
 Sampler - UPS - Bus - Other: -0.4 c / -1.0 c
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *[Signature]* (Initials) *[Signature]*

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

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #:
 Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)
 Project Location: New Mexico
 Sampler Name: SIMON

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

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'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		10/13/22	10:05AM	Chloride
	42 BOTTOM SAMPLE 34@4'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		10/13/22	10:12AM	BTA
	43 BOTTOM SAMPLE 35@1'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		10/13/22	10:20AM	TRNEXT
	44 BOTTOM SAMPLE 35@2'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		10/13/22	10:26AM	
	45 BOTTOM SAMPLE 35@3'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		10/13/22	10:32AM	
	46 BOTTOM SAMPLE 35@4'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		10/13/22	10:39AM	
	47 BOTTOM SAMPLE 36@1'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		10/13/22	10:46AM	
	48 BOTTOM SAMPLE 36@2'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		10/13/22	10:54AM	
	49 BOTTOM SAMPLE 36@3'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		10/13/22	11:02AM	
	50 BOTTOM SAMPLE 36@4'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>					<input checked="" type="checkbox"/>		10/13/22	11:10AM	

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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]* Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: -D.42/-1.00. CHECKED BY: *[Signature]* (Initials) *[Signature]*

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

BILL TO

ANALYSIS REQUEST

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
H224935	BOTTOM SAMPLE 37@1'	<input checked="" type="checkbox"/>		SOIL	<input checked="" type="checkbox"/>		10/13/22	11:18AM	Chloride
	BOTTOM SAMPLE 37@2'	<input checked="" type="checkbox"/>		SOIL	<input checked="" type="checkbox"/>		10/13/22	11:24AM	BTEX
	BOTTOM SAMPLE 37@3'	<input checked="" type="checkbox"/>		SOIL	<input checked="" type="checkbox"/>		10/13/22	11:30AM	TPH EXT
	BOTTOM SAMPLE 37@4'	<input checked="" type="checkbox"/>		SOIL	<input checked="" type="checkbox"/>		10/13/22	11:37AM	
	BOTTOM SAMPLE 38@1'	<input checked="" type="checkbox"/>		SOIL	<input checked="" type="checkbox"/>		10/13/22	11:44AM	
	BOTTOM SAMPLE 38@2'	<input checked="" type="checkbox"/>		SOIL	<input checked="" type="checkbox"/>		10/13/22	11:50AM	
	BOTTOM SAMPLE 38@3'	<input checked="" type="checkbox"/>		SOIL	<input checked="" type="checkbox"/>		10/13/22	11:57AM	
	BOTTOM SAMPLE 38@4'	<input checked="" type="checkbox"/>		SOIL	<input checked="" type="checkbox"/>		10/13/22	12:07PM	
	BOTTOM SAMPLE 39@1'	<input checked="" type="checkbox"/>		SOIL	<input checked="" type="checkbox"/>		10/13/22	12:12PM	
	BOTTOM SAMPLE 39@2'	<input checked="" type="checkbox"/>		SOIL	<input checked="" type="checkbox"/>		10/13/22	12:19PM	

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Relinquished By: [Signature] Date: 10-20-22 Received By: [Signature] Date: 10-20-22
 Relinquished By: [Signature] Date: 8:00pm Received By: [Signature] Date: 10-20-22
 Delivered By: (Circle One) [Signature] #113 Sample Condition: Intact Cool Yes No
 Sampler - UPS - Bus - Other: -0.4¢ / -1.0¢ CHECKED BY: [Signature] (Initials) [Signature]
 Phone Result: Yes No Add'l Phone #: _____
 Fax Result: Yes No Add'l Fax #: _____
 REMARKS: _____

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

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

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

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

FOR LAB USE ONLY

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	ANALYSIS
H224935	BOTTOM SAMPLE 39@3'			SOIL			10/13/22	12:25PM	Chloride
	BOTTOM SAMPLE 39@4'			SOIL			10/13/22	12:31PM	BTEX
	BOTTOM SAMPLE 40@1'			SOIL			10/13/22	12:38PM	TPH EXT
	BOTTOM SAMPLE 40@2'			SOIL			10/13/22	12:45PM	
	BOTTOM SAMPLE 40@3'			SOIL			10/13/22	12:53PM	
	BOTTOM SAMPLE 40@4'			SOIL			10/13/22	1:00PM	
	BOTTOM SAMPLE 41@1'			SOIL			10/13/22	1:07PM	
	BOTTOM SAMPLE 41@2'			SOIL			10/13/22	1:12PM	
	BOTTOM SAMPLE 41@3'			SOIL			10/13/22	1:19PM	
	BOTTOM SAMPLE 41@4'			SOIL			10/13/22	1:25PM	

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

Delivered By: (Circle One) *[Signature]* Sample Condition: Cool Intact Yes No

Sampler - UPS - Bus - Other: *[Signature]* -0.42/-1.02 #13 CHECKED BY: *[Signature]* (Initials) *[Signature]*

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

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #:
 Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)
 Project Location: New Mexico
 Sampler Name: SIMON

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

Lab I.D.	Sample I.D.	FOR LAB USE ONLY	MATRIX	PRESERV	SAMPLING	DATE		TIME	ANALYSIS	REMARKS
						DATE	TIME			
H224935	BOTTOM SAMPLE 42@1'		(G)RAB OR (C)OMP.			10/13/22	1:32PM		Chloride	
	BOTTOM SAMPLE 42@2'		# CONTAINERS			10/13/22	1:40PM		BTEX	
	BOTTOM SAMPLE 42@3'		GROUNDWATER			10/13/22	1:46PM		TRVEXT	
	BOTTOM SAMPLE 42@4'		WASTEWATER			10/13/22	1:52PM			
	BOTTOM SAMPLE 43@1'		SOIL			10/13/22	2:00PM			
	BOTTOM SAMPLE 43@2'		OIL			10/13/22	2:07PM			
	BOTTOM SAMPLE 43@3'		SLUDGE			10/13/22	2:14PM			
	BOTTOM SAMPLE 43@4'		OTHER :			10/13/22	2:19PM			
	BOTTOM SAMPLE 44@1'		ACID/BASE:			10/13/22	2:25PM			
	BOTTOM SAMPLE 44@2'		ICE / COOL			10/13/22	2:32PM			
	BOTTOM SAMPLE 44@2'		OTHER :							

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Relinquished By: *[Signature]* Date: 10-20-22 Received By: *[Signature]* Date: 10-20-22
 Time: 8:00am
 Relinquished By: *[Signature]* Date: 10-20-22 Received By: *[Signature]* Date: 10-20-22
 Time: 11:45
 Delivered By: (Circle One) UPS Bus Other: -0.4°C / -1.0°C
 Sampler - UPS - Bus - Other: Yes No
 Sample Condition: Intact Cool Yes No
 CHECKED BY: *[Signature]* (Initials) *[Signature]*
 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

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc.
 Project Manager: Cliff Brunson
 Address: P.O. Box 805
 City: Hobbs
 Phone #: 575-397-6388
 Project #: 575-397-0397
 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 #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV.	SAMPLING	DATE	TIME	ANALYSIS
H224935	81						10/13/22	2:39PM	Chloride
	82						10/13/22	2:45PM	BTEX
	83						10/13/22	2:52PM	TRVEXT
	84						10/13/22	2:59PM	
	85						10/13/22	3:07PM	
	86						10/13/22	3:12PM	
	87						10/13/22	3:18PM	
	88						10/13/22	3:25PM	
	89						10/13/22	3:31PM	
	90						10/13/22	3:38PM	

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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: 1:45 #113 Sample Condition: Cool Intact
 Sampler - UPS - Bus - Other: -0.4°C / -1.0°C Yes No

CHECKED BY: *[Signature]* (Initials) *[Initials]*

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

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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



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 3' (H224942-01)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 112 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	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)

BTEX 8021B		mg/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) 99.8 % 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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*=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:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 1' (H224942-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 98.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

Cardinal Laboratories

* = Accredited Analyte

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 2' (H224942-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, 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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*=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:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 3' (H224942-05)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.6 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 119 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 102 @ 4' (H224942-06)

BTEX 8021B		mg/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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 96.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 114 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 1 (H224942-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.7 % 69.9-140

Chloride, 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 98.8 % 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:	10/19/2022
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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 Fax To: (575) 397-0397

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 4 (H224942-10)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

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



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Analytical Results For:

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, 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 92.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 110 % 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:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 6 (H224942-12)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 95.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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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:	10/19/2022
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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* = 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:	10/19/2022
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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 9 (H224942-15)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	1.91	95.5	2.00	0.856	
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.2 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 10 (H224942-16)

BTEX 8021B		mg/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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	64.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 113 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 11 (H224942-17)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	1.91	95.5	2.00	0.856	
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 117 % 46.3-178

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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 12 (H224942-18)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	1.91	95.5	2.00	0.856	
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 107 % 45.3-161

Surrogate: 1-Chlorooctadecane 115 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 13 (H224942-19)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	1.91	95.5	2.00	0.856	
Toluene*	<0.050	0.050	10/25/2022	ND	2.11	106	2.00	3.26	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.00	100	2.00	2.81	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.03	101	6.00	3.06	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 118 % 45.3-161

Surrogate: 1-Chlorooctadecane 128 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/26/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: SIDEWALL 14 (H224942-20)

BTEX 8021B		mg/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, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	416	104	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	249	125	200	4.01	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	205	102	200	6.50	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 116 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Notes and Definitions

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

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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. 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 #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		BILL TO	
FOR LAB USE ONLY Lab I.D. HT24942		ANALYSIS REQUEST	
Sample I.D. 1 BOTTOM SAMPLE 101@3' 2 BOTTOM SAMPLE 101@4' 3 BOTTOM SAMPLE 102@1' 4 BOTTOM SAMPLE 102@2' 5 BOTTOM SAMPLE 102@3' 6 BOTTOM SAMPLE 102@4' 7 SIDEWALL 1 8 SIDEWALL 2 9 SIDEWALL 3 10 SIDEWALL 4		(G)RAB OR (C)OMP. <input checked="" type="checkbox"/> # CONTAINERS _____ MATRIX GROUNDWATER _____ WASTEWATER _____ SOIL <input checked="" type="checkbox"/> OIL _____ SLUDGE _____ OTHER: _____ ACID/BASE: _____ ICE / COOL _____ OTHER: _____	
DATE 10/19/22 12:54PM 10/19/22 1:05PM 10/19/22 1:14PM 10/19/22 1:20PM 10/19/22 1:26PM 10/19/22 1:34PM 10/19/22 1:41PM 10/19/22 1:50PM 10/19/22 1:58PM 10/19/22 2:09PM		TIME ✓ Chloride ✓ BTEX ✓ TPH/EXT ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓	
Relinquished By: <i>[Signature]</i> Date: 10-20-22 Time: 11:00am Received By: <i>[Signature]</i> Date: 10-20-22 Time: 14:20		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____ REMARKS: _____	
Relinquished By: <i>[Signature]</i> Date: _____ Time: _____ Received By: <i>[Signature]</i> Date: _____ Time: _____		Sample Condition Cool <input type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/>	
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>UPS</i>		CHECKED BY: <i>[Signature]</i> (Initials)	



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".

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, 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	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



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 @ 3' (H224941-03)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.07	104	2.00	11.9	
Toluene*	<0.050	0.050	10/24/2022	ND	2.20	110	2.00	9.47	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.07	103	2.00	11.8	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.28	105	6.00	13.1	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.7 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 87.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 79 @ 4' (H224941-04)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.07	104	2.00	11.9	
Toluene*	<0.050	0.050	10/24/2022	ND	2.20	110	2.00	9.47	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.07	103	2.00	11.8	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.28	105	6.00	13.1	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	432	108	400	0.00	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 90.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 1' (H224941-05)

BTEX 8021B		mg/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, 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	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



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 80 @ 2' (H224941-06)

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	10/24/2022	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, 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	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



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 80 @ 3' (H224941-07)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.5 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 94.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 80 @ 4' (H224941-08)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	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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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 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, 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 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 81 @ 3' (H224941-11)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.27	113	2.00	0.449	
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 89.9 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTEX 8021B		mg/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) 94.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 101 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTEX 8021B		mg/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) 92.6 % 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	10/24/2022	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 95.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTEX 8021B		mg/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) 90.8 % 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	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 99.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 82 @ 4' (H224941-16)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 94.1 % 69.9-140

Chloride, 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 98.6 % 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:	10/18/2022
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, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	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, 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 98.9 % 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:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 83 @ 3' (H224941-19)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

Chloride, 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 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)

BTEX 8021B		mg/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) 94.9 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	177	88.5	200	4.81		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	182	90.9	200	9.76		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 91.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 97.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 1' (H224941-21)

BTEX 8021B		mg/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, 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 93.7 % 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 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 84 @ 4' (H224941-24)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.27	113	2.00	0.449		
Toluene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	0.381		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.09	104	2.00	0.316		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.24	104	6.00	0.361		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 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)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 108 % 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:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 85 @ 3' (H224941-27)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, 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	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)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, 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	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



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 86 @ 1' (H224941-29)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEX	<0.300	0.300	10/24/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 107 % 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:	10/18/2022
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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 108 % 45.3-161

Surrogate: 1-Chlorooctadecane 126 % 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 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, 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	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

BBC International, Inc.
 Cliff Brunson
 P.O. Box 805
 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)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEX	<0.300	0.300	10/24/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 1' (H224941-33)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.3 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 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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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 87 @ 3' (H224941-35)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEX	<0.300	0.300	10/24/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, 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	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)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 122 % 46.3-178

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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 88 @ 3' (H224941-39)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.0 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	204	102	200	6.73	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	206	103	200	4.06	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 103 % 45.3-161

Surrogate: 1-Chlorooctadecane 121 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
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)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	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



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 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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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 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)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01		
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21		
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94		
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86		
Total BTEX	<0.300	0.300	10/24/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 99.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/24/2022	ND	416	104	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 76.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 86.0 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 89 @ 4' (H224941-44)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	8.01	
Toluene*	<0.050	0.050	10/24/2022	ND	2.21	110	2.00	8.21	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.04	102	2.00	7.94	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.15	102	6.00	8.86	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.2 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 1' (H224941-45)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.7 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	10/24/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.9 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 2' (H224941-46)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	416	104	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 87.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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 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, 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	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 90 @ 4' (H224941-48)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 81.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.2 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 1' (H224941-49)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 75.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

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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 91 @ 2' (H224941-50)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

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



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 91 @ 4' (H224941-52)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.6 % 69.9-140

Chloride, 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	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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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 92 @ 1' (H224941-53)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 91.9 % 69.9-140

Chloride, 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	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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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 92 @ 2' (H224941-54)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/24/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/24/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/24/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/24/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/24/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

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



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Analytical Results For:

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, 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	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 84.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 82.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 2' (H224941-58)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.2 % 69.9-140

Chloride, 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	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



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 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, 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	218	109	200	2.30		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 81.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.3 % 46.3-178

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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/18/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 93 @ 4' (H224941-60)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.30	115	2.00	7.50	
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.6 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	218	109	200	2.30	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	209	105	200	0.336	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 94 @ 1' (H224941-61)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2022	ND	2.30	115	2.00	7.50		
Toluene*	<0.050	0.050	10/25/2022	ND	2.18	109	2.00	5.42		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.14	107	2.00	4.61		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.37	106	6.00	4.38		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.9 % 69.9-140

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



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Analytical Results For:

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, 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	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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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 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, SM4500Cl-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/24/2022	ND	400	100	400	3.92		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 93.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.8 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
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, 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	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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	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:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 96 @ 2' (H224941-70)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.3 % 69.9-140

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 96 @ 3' (H224941-71)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.8 % 69.9-140

Chloride, 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	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 90.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 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, 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	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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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 1' (H224941-73)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 92.5 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	10/24/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 112 % 45.3-161

Surrogate: 1-Chlorooctadecane 124 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 2' (H224941-74)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	10/24/2022	ND	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 114 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 97 @ 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, 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	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 116 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 1' (H224941-77)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 92.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 111 % 45.3-161

Surrogate: 1-Chlorooctadecane 125 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 2' (H224941-78)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.17	108	2.00	0.269	
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 93.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62	
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39	
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 120 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 98 @ 3' (H224941-79)

BTEX 8021B		mg/kg		Analyzed By: JH						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	10/25/2022	ND	2.17	108	2.00	0.269		
Toluene*	<0.050	0.050	10/25/2022	ND	2.07	104	2.00	1.44		
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	102	2.00	2.17		
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.10	102	6.00	1.88		
Total BTEX	<0.300	0.300	10/25/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 93.0 % 69.9-140

Chloride, 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	432	108	400	3.64		

TPH 8015M		mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	10/24/2022	ND	224	112	200	2.62		
DRO >C10-C28*	<10.0	10.0	10/24/2022	ND	208	104	200	3.39		
EXT DRO >C28-C36	<10.0	10.0	10/24/2022	ND						

Surrogate: 1-Chlorooctane 115 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 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



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 99 @ 3' (H224941-83)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/26/2022	ND	2.06	103	2.00	0.919	
Toluene*	<0.050	0.050	10/26/2022	ND	2.20	110	2.00	0.488	
Ethylbenzene*	<0.050	0.050	10/26/2022	ND	2.06	103	2.00	1.67	
Total Xylenes*	<0.150	0.150	10/26/2022	ND	6.20	103	6.00	1.73	
Total BTEX	<0.300	0.300	10/26/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 98.1 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	432	108	400	3.64	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 110 % 45.3-161

Surrogate: 1-Chlorooctadecane 135 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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, 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	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)

BTEX 8021B		mg/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, 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	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)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 99.4 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	7.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 109 % 45.3-161

Surrogate: 1-Chlorooctadecane 136 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 100 @ 4' (H224941-88)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 94.3 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	10/24/2022	ND	400	100	400	7.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 102 % 45.3-161

Surrogate: 1-Chlorooctadecane 127 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 1' (H224941-89)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	7.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 105 % 45.3-161

Surrogate: 1-Chlorooctadecane 129 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	10/20/2022	Sampling Date:	10/19/2022
Reported:	10/27/2022	Sampling Type:	Soil
Project Name:	SDS 11 FEDERAL #1 SWD	Sampling Condition:	Cool & Intact
Project Number:	(8/17/16, 1/16/17, 3/31/17)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - EDDY COUNTY, NM		

Sample ID: BOTTOM SAMPLE 101 @ 2' (H224941-90)

BTEX 8021B		mg/kg		Analyzed By: JH					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	10/25/2022	ND	2.02	101	2.00	2.25	
Toluene*	<0.050	0.050	10/25/2022	ND	2.20	110	2.00	0.147	
Ethylbenzene*	<0.050	0.050	10/25/2022	ND	2.03	101	2.00	0.288	
Total Xylenes*	<0.150	0.150	10/25/2022	ND	6.09	101	6.00	0.509	
Total BTEX	<0.300	0.300	10/25/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 97.8 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	48.0	16.0	10/24/2022	ND	400	100	400	7.92	

TPH 8015M		mg/kg		Analyzed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	10/25/2022	ND	222	111	200	3.00	
DRO >C10-C28*	<10.0	10.0	10/25/2022	ND	231	116	200	1.95	
EXT DRO >C28-C36	<10.0	10.0	10/25/2022	ND					

Surrogate: 1-Chlorooctane 106 % 45.3-161

Surrogate: 1-Chlorooctadecane 131 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Notes and Definitions

- ND Analyte NOT DETECTED at or above the reporting limit
- RPD Relative Percent Difference
- ** Samples not received at proper temperature of 6°C or below.
- *** Insufficient time to reach temperature.
- Chloride by SM4500Cl-B does not require samples be received at or below 6°C
Samples reported on an as received basis (wet) unless otherwise noted on report

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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. #:		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		Address:									
Fax #: 575-397-0397		City:									
Project #: Project Owner: Oxy		State:									
Project Name: SDS 11 FEDERAL #1 (8/17/16,1/16/17,3/31/17)		Zip:									
Project Location: New Mexico		Phone #:									
Sampler Name: SIMON		Fax #:									
FOR LAB USE ONLY											
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX	PRESERV	SAMPLING	DATE	TIME	Chloride	BTEX	TPHEXT
H224941	BOTTOM SAMPLE 79 @ 1'	g	1	SOIL			10/18/22	8:20AM	✓	✓	✓
	BOTTOM SAMPLE 79 @ 2'			SOIL			10/18/22	8:27AM	✓	✓	✓
	BOTTOM SAMPLE 79 @ 3'			SOIL			10/18/22	8:36AM	✓	✓	✓
	BOTTOM SAMPLE 79 @ 4'			SOIL			10/18/22	8:44AM	✓	✓	✓
	BOTTOM SAMPLE 80 @ 1'			SOIL			10/18/22	8:51AM	✓	✓	✓
	BOTTOM SAMPLE 80 @ 2'			SOIL			10/18/22	9:00AM	✓	✓	✓
	BOTTOM SAMPLE 80 @ 3'			SOIL			10/18/22	9:08AM	✓	✓	✓
	BOTTOM SAMPLE 80 @ 4'			SOIL			10/18/22	9:17AM	✓	✓	✓
	BOTTOM SAMPLE 81 @ 1'			SOIL			10/18/22	9:26AM	✓	✓	✓
	BOTTOM SAMPLE 81 @ 2'			SOIL			10/18/22	9:36AM	✓	✓	✓

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Relinquished By: *[Signature]* Date: 10-20-22 Time: 8:10pm Received By: *[Signature]* Date: 10-20-22 Time: 4:20

Delivered By: (Circle One) *[Signature]* #113

Sampler - UPS - Bus - Other: -7.3% / -7.9%

Sample Condition: Intact Cool Yes No

CHECKED BY: *[Signature]* (Initials)

REMARKS:

Phone Result: Yes No Add'l Phone #:

Fax Result: Yes No Add'l Fax #:

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



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H22494	BOTTOM SAMPLE 81 @ 3'	9	1						10/18/22	9:42AM	Chloride	
	BOTTOM SAMPLE 81 @ 4'								10/18/22	9:50AM	BTEX	
	BOTTOM SAMPLE 82 @ 1'								10/18/22	9:58AM	TPH EXT	
	BOTTOM SAMPLE 82 @ 2'								10/18/22	10:06AM		
	BOTTOM SAMPLE 82 @ 3'								10/18/22	10:14AM		
	BOTTOM SAMPLE 82 @ 4'								10/18/22	10:21AM		
	BOTTOM SAMPLE 83 @ 1'								10/18/22	10:29AM		
	BOTTOM SAMPLE 83 @ 2'								10/18/22	10:37AM		
	BOTTOM SAMPLE 83 @ 3'								10/18/22	10:45AM		
	BOTTOM SAMPLE 83 @ 4'								10/18/22	10:54AM		

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Relinquished By: [Signature] Date: 10/20/22 Time: 8:10 AM Received By: [Signature] Date: 10/20/22 Time: 4:20
 Delivered By: (Circle One) [Signature] #113 Sample Condition: Cool Intact Yes No
 Sampler - UPS - Bus - Other: -7.3°C/-7.9°C CHECKED BY: [Signature] (Initials) [Signature]

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		P.O. #:		ANALYSIS REQUEST	
Project Manager: Cliff Brunson		Company: Oxy		Attn:			
Address: P.O. Box 805		State: NM Zip: 88241		Address:			
City: Hobbs		Fax #: 575-397-0397		City:			
Phone #: 575-397-6388		Project Owner: Oxy		State:		Zip:	
Project #:		Project Name: SDS 11 FEDERAL #1 (8/17/16, 1/16/17, 3/31/17)		Phone #:			
Project Location: New Mexico		Fax #:					
Sampler Name: SIMON		FOR LAB USE ONLY		MATRIX		PRESERV/ SAMPLING	
Lab I.D. H224941		Sample I.D.		DATE		TIME	
21 BOTTOM SAMPLE 84 @ 1'		(G)RAB OR (C)OMP.		10/18/22		11:03AM	
32 BOTTOM SAMPLE 84 @ 2'		# CONTAINERS		10/18/22		11:10AM	
33 BOTTOM SAMPLE 84 @ 3'		GROUNDWATER		10/18/22		11:18AM	
34 BOTTOM SAMPLE 84 @ 4'		WASTEWATER		10/18/22		11:26AM	
35 BOTTOM SAMPLE 85 @ 1'		SOIL		10/18/22		11:32AM	
36 BOTTOM SAMPLE 85 @ 2'		OIL		10/18/22		11:39AM	
37 BOTTOM SAMPLE 85 @ 3'		SLUDGE		10/18/22		11:46AM	
38 BOTTOM SAMPLE 85 @ 4'		OTHER :		10/18/22		11:52AM	
39 BOTTOM SAMPLE 86 @ 1'		ACID/BASE:		10/18/22		12:00PM	
30 BOTTOM SAMPLE 86 @ 2'		ICE / COOL		10/18/22		12:08PM	
		OTHER :					

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Relinquished By: <i>[Signature]</i>	Date: 10-20-22	Received By: <i>[Signature]</i>	Date: 10-20-22
Time: 8:00 AM		Time: 4:20	

Delivered By: (Circle One) *[Signature]* #113 *[Signature]* CHECKED BY: *[Signature]* (Initials) *[Signature]*

Sampler - UPS - Bus - Other: -7.3¢ / -7.9¢

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			
FOR LAB USE ONLY	Lab I.D.	Sample I.D.	
	H22494	BOTTOM SAMPLE 89 @ 1'	(G)RAB OR (C)OMP.
	41	BOTTOM SAMPLE 89 @ 2'	# CONTAINERS
	42	BOTTOM SAMPLE 89 @ 3'	GROUNDWATER
	43	BOTTOM SAMPLE 89 @ 4'	WASTEWATER
	44	BOTTOM SAMPLE 89 @ 1'	SOIL
	45	BOTTOM SAMPLE 90 @ 2'	OIL
	46	BOTTOM SAMPLE 90 @ 3'	SLUDGE
	47	BOTTOM SAMPLE 90 @ 4'	OTHER :
	48	BOTTOM SAMPLE 91 @ 1'	ACID/BASE:
	49	BOTTOM SAMPLE 91 @ 2'	ICE / COOL
	50	BOTTOM SAMPLE 91 @ 2'	OTHER :
			DATE
			TIME
			Chloride
			BTEX
			TPH/EXT

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Relinquished By: <i>[Signature]</i> Date: 10-20-22 Time: 8:00 AM	Received By: <i>[Signature]</i> Date: 10-20-22 Time: 4:00 PM
Delivered By: (Circle One) Sampler - UPS - Bus - Other: -7.32/-7.92	Sample Condition Cool <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Attach <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
CHECKED BY: <i>[Signature]</i> (Initials)	
Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: _____ Add'l Fax #: _____	
REMARKS:	

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO ANALYSIS REQUEST

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

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
H221941	BOTTOM SAMPLE 94@1'	<input checked="" type="checkbox"/>								10/19/22	8:30AM	Chloride
L4	BOTTOM SAMPLE 94@2'	<input checked="" type="checkbox"/>								10/19/22	8:39AM	BTEX
L1	BOTTOM SAMPLE 94@3'									10/19/22	8:46AM	TPHEXT
L2	BOTTOM SAMPLE 94@4'									10/19/22	8:55AM	
L3	BOTTOM SAMPLE 95@1'									10/19/22	9:05AM	
L4	BOTTOM SAMPLE 95@2'									10/19/22	9:12AM	
L5	BOTTOM SAMPLE 95@3'									10/19/22	9:20AM	
L6	BOTTOM SAMPLE 95@4'									10/19/22	9:28AM	
L7	BOTTOM SAMPLE 96@1'									10/19/22	9:37AM	
L8	BOTTOM SAMPLE 96@2'									10/19/22	9:45AM	

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Relinquished By: *[Signature]* Date: 10-20-22 Received By: *[Signature]* Date: 10-20-22
 Delivered By: (Circle One) *[Signature]* Time: 10:00 AM Received By: *[Signature]* Time: 10:00 AM
 Sampler - UPS - Bus - Other: *[Signature]* #113 Sample Condition: Yes No
 Cool Impact: Yes No
 CHECKED BY: *[Signature]* (Initials) *[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 #: _____	
State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy		ANALYSIS REQUEST	
BILL TO			
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Relinquished By: <i>[Signature]</i> Date: 10-20-22 Time: 8:00 AM	Received By: <i>[Signature]</i> Date: 10-20-22 Time: 8:00 AM	Relinquished By: <i>[Signature]</i> Date: 10-20-22 Time: 8:00 AM	Received By: <i>[Signature]</i> Date: 10-20-22 Time: 8:00 AM
Delivered By: (Circle One) Sampler - UPS - Bus - Other: <i>-73e/-7.9e</i>		CHECKED BY: <i>[Signature]</i> Sample Condition: <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Cool <input type="checkbox"/> Yes <input type="checkbox"/> No	
REMARKS:			

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP	# CONTAINERS	MATRIX						DATE	TIME	Chloride	BTEX	TPH/EXT
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :					
<i>H22494</i>	BOTTOM SAMPLE 96@3'	<input checked="" type="checkbox"/>	6			<input checked="" type="checkbox"/>				10/19/22	9:54AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BOTTOM SAMPLE 96@4'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				10/19/22	10:05AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BOTTOM SAMPLE 97@1'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				10/19/22	10:14AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BOTTOM SAMPLE 97@2'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				10/19/22	10:22AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BOTTOM SAMPLE 97@3'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				10/19/22	10:30AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BOTTOM SAMPLE 97@4'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				10/19/22	10:39AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BOTTOM SAMPLE 98@1'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				10/19/22	10:48AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BOTTOM SAMPLE 98@2'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				10/19/22	11:00AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BOTTOM SAMPLE 98@3'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				10/19/22	11:10AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	BOTTOM SAMPLE 98@4'	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>				10/19/22	11:17AM	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

BILL TO

ANALYSIS REQUEST

Company Name: BBC International, Inc. P.O. #: _____
 Project Manager: Cliff Brunson Company: Oxy
 Address: P.O. Box 805 Attn: _____
 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 City: _____
 Sampler Name: SIMON State: _____ Zip: _____
 Fax #: _____

Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	MATRIX						DATE	TIME	ANALYSIS
				GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER :			
4224941	BOTTOM SAMPLE 99@1'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				10/19/22	11:25AM	Chloride
	BOTTOM SAMPLE 99@2'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				10/19/22	11:35AM	BTEX
	BOTTOM SAMPLE 99@3'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				10/19/22	11:44AM	TPH EXT
	BOTTOM SAMPLE 99@4'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				10/19/22	11:52AM	
	BOTTOM SAMPLE 100@1'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				10/19/22	12:02PM	
	BOTTOM SAMPLE 100@2'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				10/19/22	12:10PM	
	BOTTOM SAMPLE 100@3'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				10/19/22	12:19PM	
	BOTTOM SAMPLE 100@4'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				10/19/22	12:27PM	
	BOTTOM SAMPLE 101@1'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				10/19/22	12:36PM	
	BOTTOM SAMPLE 101@2'	<input checked="" type="checkbox"/>	1			<input checked="" type="checkbox"/>				10/19/22	12:46PM	

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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]* Date: 10-20-22 Received By: *[Signature]* Date: 10-20-22
 Sampler - UPS - Bus - Other: *[Signature]* Date: 10-20-22 Received By: *[Signature]* Date: 10-20-22
 Sample Condition: Cool Intact
 Checked By: *[Signature]* (Initials) *[Signature]*

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District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 160197

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 160197
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

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