

Closure Report

INCIDENT ID#nAPP2113341851

Site Description

Site Name:	SOUTH HOBBS RMT INJECTION BLDG HEADER 5
Company:	Oxy USA Inc.
Legal Description:	U/L I, Section 6, T19S, R38E
County:	Lea County, NM
GPS Coordinates:	N 32.68787, W-103.180478

Release Data

Date of Release:	5/10/2021
Type of Release:	Produced water
Source of Release:	8" STEEL LINE FAILURE
Volume of Release:	87 BBLS
Volume Recovered:	82 BBLS

Remediation Specifications

Remediation Parameters:	OXYI excavated the spill area as depicted on the following site diagram. The leak area near SP1 (BLUE shade on diagram) required zero remediation. The leak area near SP2 (ORANGE shade on diagram) was excavated to a depth of 4 feet. The leak area near SP3 – SP5 (GREEN shade on diagram) was excavated to a depth of 1 foot. OXY collected bottom and sidewall confirmation samples every 200 square feet
Remediation Activities:	12-5-22 - 12-9-22; 2-10-23 - 2-13-23

Plan Sent to OCD:		
OCD Approval of Plan:		
Plan Sent to BLM:		
BLM Approval of Plan:		

Supporting Documentation

C-141, page 6	signed and included	
Site Diagram	Google Earth map with excavation depths & confirmation sample points	
Pictures	Remediation photos	
Lab Summary/Analysis	Confirmation lab summary/analysis report for 12/16/22, 12/19/22, 12/27/22	
Notifications	12/13/2022, 12/14/2022	

Request for Closure

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

Cliff Brunson, President of BBC International Inc.

2/15/2023

Form C-141

Page 6

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2113341851
District RP	
Facility ID	
Application ID	

Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

- ☒ A scaled site and sampling diagram as described in 19.15.29.11 NMAC
- ☒ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)
- ☒ Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)
- ☒ Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Wade Dittrich Title: Environmental CoordinatorSignature:  Date: 12-20-22email: wade_dittrich@oxy.com Telephone: (575) 390-2828**OCD Only**

Received by: _____ Date: _____

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: Jennifer Nobui Date: 02/27/2023Printed Name: Jennifer Nobui Title: Environmental Specialist A

From: [Enviro, OCD, EMNRD](#)
To: [Cliff Brunson](#)
Cc: [Bratcher, Michael, EMNRD](#); [Nobui, Jennifer, EMNRD](#)
Subject: RE: [EXTERNAL] OXY - South Hobbs RMT Injection Header Bldg 5 (nAPP2113341851) (5/10/21) - Sampling Notification
Date: Wednesday, December 14, 2022 9:00:12 AM

Good morning 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.

JocelynHarimon

Jocelyn Harimon • Environmental Specialist
Environmental Bureau
EMNRD - Oil Conservation Division
1220 South St. Francis Drive | Santa Fe, NM 87505
(505)469-2821 | Jocelyn.Harimon@emnrd.nm.gov
<http://www.emnrd.nm.gov>



From: Cliff Brunson <cbrunson@bbcinternational.com>
Sent: Tuesday, December 13, 2022 5:10 PM
To: Enviro, OCD, EMNRD <OCD.Enviro@emnrd.nm.gov>
Cc: 'Wade Dittrich' <Wade_Dittrich@oxy.com>; Tyson Pierce <tyson_pierce@oxy.com>; 'Ken Swinney' <kswinney@bbcinternational.com>; 'Jennifer Gilkey' <jgilkey@bbcinternational.com>; Kathy Sweeney <kathys@bbcinternational.com>
Subject: [EXTERNAL] OXY - South Hobbs RMT Injection Header Bldg 5 (nAPP2113341851) (5/10/21) - 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 South Hobbs RMT Injection Header Bldg 5 (nAPP2113341851) (5/10/21) on Friday, December 16, 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

OXY-SOUTH HOBBS RMT INJ HEADER BLDG 5

LEAK DATE 05/10/2021
ID#nAPP2113341851
LEA CO, NM

Legend

- 1' EXCAVATION
- 4' EXCAVATION
- BOTTOM CONFIRMATION SAMPLE POINTS
- LEAK AREA
- SIDEWALL CONFIRMATION SAMPLE POINTS
- ZERO EXCAVATION



Google Earth

SHU RMT INJ HEADER BLDG 5 (5/10/2021) SAMPLE DATE (12/16/22,12/19/22)

BOTTOM SAMPLES

BS 1@4'	N 32.411635	W-103.104919
BS 2@4'	N 32.411635	W-103.104900
BS 3@4'	N 32.411644	W-103.104903
BS 4@4'	N 32.411633	W-103.104877
BS 5@4'	N 32.411632	W-103.104916
BS 6@4'	N 32.411642	W-103.104880
BS 7@4'	N 32.411640	W-103.104873
BS 8@4'	N 32.411650	W-103.104852
BS 9@4'	N 32.411628	W-103.104871
BS 10@4'	N 32.411633	W-103.104850
BS 11@1'	N 32.411673	W-103.104849
BS 12@1'	N 32.411688	W-103.104837
BS 13@1'	N 32.411704	W-103.104814
BS 15@1'	N 32.411729	W-103.104745
BS 16@1'	N 32.411742	W-103.104705
BS 17@1'	N 32.411665	W-103.104844
BS 18@1'	N 32.411673	W-103.104829
BS 19@1'	N 32.411688	W-103.104803
BS 20@1'	N 32.411699	W-103.104803
BS 21@1'	N 32.411711	W-103.104743
BS 22@1'	N 32.411726	W-103.104704
BS 23@1'	N 32.411656	W-103.104835
BS 24@1'	N 32.411712	W-103.104753
BS 25@1'	N 32.411718	W-103.104734
BS 26@1'	N 32.411726	W-103.104714
BS 27@1'	N 32.411732	W-103.104692
BS 28@1'	N 32.411676	W-103.104805
BS 29@1'	N 32.411672	W-103.104797
BS 30@1'	N 32.411680	W-103.104794
BS 31 @1'	N 32.411684	W-103.104791
BS 32@1'	N 32.411692	W-103.104776
BS 33@1'	N 32.411705	W-103.104758
BS 34@1'	N 32.411705	W-103.104738
BS 35@1'	N 32.411711	W-103.104721
BS 36@1'	N 32.411719	W-103.104699
BS 37@1'	N 32.411672	W-103.104797
BS 38@1'	N 32.411681	W-103.104771
BS 39@1'	N 32.411687	W-103.104755
BS 40@1'	N 32.411695	W-103.104732
BS 41@1'	N 32.411702	W-103.104703

SIDEWALL SAMPLE POINTS

SW 1	N 32.411671	W-103.104853
SW 2	N 32.411656	W-103.104841
SW 3	N 32.411616	W-103.104859
SW 4	N 32.411635	W-103.104924
SW 5	N 32.411655	W-103.104895
SW 6	N 32.411678	W-103.104758
SW 7	N 32.411735	W-103.104741

[illegible][illegible]

	Sample ID	BS 37@1'	BS 38@1'	BS 39@1'	BS 40@1'	BS 41@1'
Analyte	Date	12/16/22	12/16/22	12/16/22	12/19/22	12/19/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		32.0	32.0	16.0	32.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0

	Sample ID	SW 1	SW 2	SW 3	SW 4	SW 5	SW 6	SW 7
Analyte	Date	12/19/22	12/19/22	12/19/22	12/19/22	12/19/22	12/19/22	12/19/22
		mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Benzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Toluene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Ethylbenzene		<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Total Xylenes		<0.150	<0.150	<0.150	<0.150	<0.150	<0.150	<0.150
Total BTEX		<0.300	<0.300	<0.300	<0.300	<0.300	<0.300	<0.300
Chloride		<16.0	<16.0	32.0	16.0	16.0	32.0	32.0
GRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0
EXT DRO		<10.0	<10.0	<10.0	<10.0	<10.0	<10.0	<10.0



OXY- SHU RMT INJ HEADER BLDG 5 (05/10/2021)





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OXY- SHU RMT INJ HEADER BLDG 5 (05/10/2021)





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

December 27, 2022

Cliff Brunson

BBC International, Inc.

P.O. Box 805

Hobbs, NM 88241

RE: SHU RMT INJ HEADER BLDG 5

Enclosed are the results of analyses for samples received by the laboratory on 12/19/22 16:00.

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

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

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

Accreditation applies to public drinking water matrices.

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

Sincerely,

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

Celey D. Keene

Lab Director/Quality Manager



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

Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 1 @ 4' (H226005-01)

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	12/21/2022	ND	2.12	106	2.00	6.57	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94	
Total BTEX	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	64.0	16.0	12/21/2022	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	12/21/2022	ND	191	95.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	219	109	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.9 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 2 @ 4' (H226005-02)

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	12/21/2022	ND	2.12	106	2.00	6.57		
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94		
Total BTEx	<0.300	0.300	12/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	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	12/21/2022	ND	191	95.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	219	109	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 86.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.6 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 3 @ 4' (H226005-03)

BTX 8021B			mg/kg							
			Analyzed By: JH/							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/21/2022	ND	2.12	106	2.00	6.57		
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94		
Total BTX	<0.300	0.300	12/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B			mg/kg							
			Analyzed By: GM							
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	191	95.4	200	5.51		
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	219	109	200	2.55		
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND						

Surrogate: 1-Chlorooctane 93.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.9 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 4 @ 4' (H226005-04)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2022	ND	2.12	106	2.00	6.57	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94	
Total BTX	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	191	95.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	219	109	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 91.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.2 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 5 @ 4' (H226005-05)

BTX 8021B		mg/kg		Analyzed By: JH/						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	12/22/2022	ND	2.12	106	2.00	6.57		
Toluene*	<0.050	0.050	12/22/2022	ND	2.20	110	2.00	6.93		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.18	109	2.00	6.49		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.69	111	6.00	5.94		
Total BTX	<0.300	0.300	12/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/21/2022	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	12/21/2022	ND	191	95.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	219	109	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 85.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 6 @ 4' (H226005-06)

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	12/22/2022	ND	2.12	106	2.00	6.57	
Toluene*	<0.050	0.050	12/22/2022	ND	2.20	110	2.00	6.93	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.18	109	2.00	6.49	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.69	111	6.00	5.94	
Total BTEx	<0.300	0.300	12/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	191	95.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	219	109	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 84.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.5 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 7 @ 4' (H226005-07)

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	12/22/2022	ND	2.12	106	2.00	6.57	
Toluene*	<0.050	0.050	12/22/2022	ND	2.20	110	2.00	6.93	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.18	109	2.00	6.49	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.69	111	6.00	5.94	
Total BTEx	<0.300	0.300	12/22/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	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	12/21/2022	ND	191	95.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	219	109	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 90.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.7 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 8 @ 4' (H226005-08)

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	12/21/2022	ND	2.12	106	2.00	6.57	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94	
Total BTEx	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 112 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	191	95.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	219	109	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 82.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 84.7 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 9 @ 4' (H226005-09)

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	12/21/2022	ND	2.12	106	2.00	6.57	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94	
Total BTEx	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/21/2022	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	12/21/2022	ND	191	95.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	219	109	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 92.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.5 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 10 @ 4' (H226005-10)

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	12/21/2022	ND	2.12	106	2.00	6.57		
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94		
Total BTEx	<0.300	0.300	12/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	191	95.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	219	109	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 89.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 11 @ 1' (H226005-11)

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	12/21/2022	ND	2.12	106	2.00	6.57		
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94		
Total BTEx	<0.300	0.300	12/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/21/2022	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	12/21/2022	ND	191	95.4	200	5.51	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	219	109	200	2.55	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 88.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.7 % 46.3-178

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 12 @ 1' (H226005-12)

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	12/21/2022	ND	2.12	106	2.00	6.57	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94	
Total BTEx	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	189	94.3	200	0.995	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	175	87.6	200	9.69	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 83.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 90.8 % 46.3-178

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Analytical Results For:

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Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 13 @ 1' (H226005-13)

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	12/21/2022	ND	2.12	106	2.00	6.57	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94	
Total BTEx	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 86.9 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 14 @ 1' (H226005-14)

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	12/21/2022	ND	2.12	106	2.00	6.57	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94	
Total BTEx	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 94.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 107 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 15 @ 1' (H226005-15)

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	12/21/2022	ND	2.12	106	2.00	6.57		
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94		
Total BTEx	<0.300	0.300	12/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/21/2022	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 92.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 16 @ 1' (H226005-16)

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	12/21/2022	ND	2.12	106	2.00	6.57	
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94	
Total BTEx	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/21/2022	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 85.6 % 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
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 Hobbs NM, 88241
 Fax To: (575) 397-0397

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 17 @ 1' (H226005-17)

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	12/21/2022	ND	2.12	106	2.00	6.57		
Toluene*	<0.050	0.050	12/21/2022	ND	2.20	110	2.00	6.93		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.18	109	2.00	6.49		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.69	111	6.00	5.94		
Total BTEx	<0.300	0.300	12/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 108 % 46.3-178

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 18 @ 1' (H226005-18)

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	12/21/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 90.8 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 19 @ 1' (H226005-19)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2022	ND	2.07	104	2.00	2.71	
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	107	2.00	2.34	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.14	107	2.00	1.33	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.63	110	6.00	0.695	
Total BTX	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 88.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 20 @ 1' (H226005-20)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/21/2022	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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 Fax To: (575) 397-0397

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 21 @ 1' (H226005-21)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 83.0 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 22 @ 1' (H226005-22)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 85.8 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.6 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 23 @ 1' (H226005-23)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 92.0 % 45.3-161

Surrogate: 1-Chlorooctadecane 105 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 24 @ 1' (H226005-24)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 87.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 99.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 25 @ 1' (H226005-25)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 89.9 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 26 @ 1' (H226005-26)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 86.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.3 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 27 @ 1' (H226005-27)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 90.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 103 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 28 @ 1' (H226005-28)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 87.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 101 % 46.3-178

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Analytical Results For:

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 Cliff Brunson
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 Fax To: (575) 397-0397

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 29 @ 1' (H226005-29)

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	12/22/2022	ND	2.07	104	2.00	2.71	
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34	
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33	
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695	
Total BTEx	<0.300	0.300	12/22/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 92.5 % 45.3-161

Surrogate: 1-Chlorooctadecane 106 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 30 @ 1' (H226005-30)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 80.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.6 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 31 @ 1' (H226005-31)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

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

Chloride, SM4500Cl-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 88.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 102 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 32 @ 1' (H226005-32)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 111 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	183	91.3	200	0.569	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	191	95.4	200	1.05	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 91.0 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 33 @ 1' (H226005-33)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEX	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	192	95.8	200	2.85		
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98		
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND						

Surrogate: 1-Chlorooctane 94.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 98.2 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 34 @ 1' (H226005-34)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.7 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 35 @ 1' (H226005-35)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 85.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 85.7 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 36 @ 1' (H226005-36)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 84.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.2 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 37 @ 1' (H226005-37)

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	12/22/2022	ND	2.07	104	2.00	2.71		
Toluene*	<0.050	0.050	12/22/2022	ND	2.13	107	2.00	2.34		
Ethylbenzene*	<0.050	0.050	12/22/2022	ND	2.14	107	2.00	1.33		
Total Xylenes*	<0.150	0.150	12/22/2022	ND	6.63	110	6.00	0.695		
Total BTEx	<0.300	0.300	12/22/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 89.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 92.9 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 38 @ 1' (H226005-38)

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	12/21/2022	ND	2.07	103	2.00	1.68		
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	106	2.00	1.69		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.10	105	2.00	1.03		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.45	108	6.00	1.56		
Total BTEx	<0.300	0.300	12/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 110 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 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:	12/19/2022	Sampling Date:	12/16/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 39 @ 1' (H226005-39)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2022	ND	2.07	103	2.00	1.68	
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	106	2.00	1.69	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.10	105	2.00	1.03	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.45	108	6.00	1.56	
Total BTX	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 90.2 % 45.3-161

Surrogate: 1-Chlorooctadecane 91.7 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 40 @ 1' (H226005-40)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2022	ND	2.07	103	2.00	1.68	
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	106	2.00	1.69	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.10	105	2.00	1.03	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.45	108	6.00	1.56	
Total BTX	<0.300	0.300	12/21/2022	ND					

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.3 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: BOTTOM SAMPLE 41 @ 1' (H226005-41)

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	12/21/2022	ND	2.07	103	2.00	1.68		
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	106	2.00	1.69		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.10	105	2.00	1.03		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.45	108	6.00	1.56		
Total BTEx	<0.300	0.300	12/21/2022	ND						

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	ND	432	108	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 94.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.7 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 1 (H226005-42)

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	12/21/2022	ND	2.07	103	2.00	1.68	
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	106	2.00	1.69	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.10	105	2.00	1.03	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.45	108	6.00	1.56	
Total BTEx	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 108 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/21/2022	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 91.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 2 (H226005-43)

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	12/21/2022	ND	2.07	103	2.00	1.68	
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	106	2.00	1.69	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.10	105	2.00	1.03	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.45	108	6.00	1.56	
Total BTEx	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	<16.0	16.0	12/21/2022	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 96.4 % 45.3-161

Surrogate: 1-Chlorooctadecane 96.9 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 3 (H226005-44)

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	12/21/2022	ND	2.07	103	2.00	1.68		
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	106	2.00	1.69		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.10	105	2.00	1.03		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.45	108	6.00	1.56		
Total BTEx	<0.300	0.300	12/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 95.6 % 45.3-161

Surrogate: 1-Chlorooctadecane 94.8 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 4 (H226005-45)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2022	ND	2.07	103	2.00	1.68	
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	106	2.00	1.69	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.10	105	2.00	1.03	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.45	108	6.00	1.56	
Total BTX	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 93.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.5 % 46.3-178

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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 5 (H226005-46)

BTX 8021B		mg/kg		Analyzed By: JH/					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	12/21/2022	ND	2.07	103	2.00	1.68	
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	106	2.00	1.69	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.10	105	2.00	1.03	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.45	108	6.00	1.56	
Total BTX	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 107 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	16.0	16.0	12/21/2022	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 91.3 % 45.3-161

Surrogate: 1-Chlorooctadecane 93.3 % 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:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 6 (H226005-47)

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	12/21/2022	ND	2.07	103	2.00	1.68		
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	106	2.00	1.69		
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.10	105	2.00	1.03		
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.45	108	6.00	1.56		
Total BTEx	<0.300	0.300	12/21/2022	ND						

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

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	32.0	16.0	12/21/2022	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 94.7 % 45.3-161

Surrogate: 1-Chlorooctadecane 95.4 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager



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Analytical Results For:

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

Received:	12/19/2022	Sampling Date:	12/19/2022
Reported:	12/27/2022	Sampling Type:	Soil
Project Name:	SHU RMT INJ HEADER BLDG 5	Sampling Condition:	Cool & Intact
Project Number:	(5/10/21)	Sample Received By:	Tamara Oldaker
Project Location:	OXY - NEW MEXICO		

Sample ID: SIDEWALL 7 (H226005-48)

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	12/21/2022	ND	2.07	103	2.00	1.68	
Toluene*	<0.050	0.050	12/21/2022	ND	2.13	106	2.00	1.69	
Ethylbenzene*	<0.050	0.050	12/21/2022	ND	2.10	105	2.00	1.03	
Total Xylenes*	<0.150	0.150	12/21/2022	ND	6.45	108	6.00	1.56	
Total BTEx	<0.300	0.300	12/21/2022	ND					

Surrogate: 4-Bromofluorobenzene (PID) 109 % 69.9-140

Chloride, SM4500CI-B		mg/kg		Analyzed By: GM					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	32.0	16.0	12/21/2022	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	12/21/2022	ND	192	95.8	200	2.85	
DRO >C10-C28*	<10.0	10.0	12/21/2022	ND	186	92.9	200	5.98	
EXT DRO >C28-C36	<10.0	10.0	12/21/2022	ND					

Surrogate: 1-Chlorooctane 91.1 % 45.3-161

Surrogate: 1-Chlorooctadecane 87.6 % 46.3-178

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Celey D. Keene, Lab Director/Quality Manager

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Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C Samples reported on an as received basis (wet) unless otherwise noted on report

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

Celey D. Keene, Lab Director/Quality Manager



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 #:				State: NM Zip: 88241 Fax #: 575-397-0397 Project Owner: Oxy Project Name: SHU RMT INJ HEADER BLDG 5 (5/10/21) Project Location: New Mexico				P.O. #: Company: Oxy Attn: Address: City: State: Zip: Phone #: Fax #:			
Sampler Name: ROGER <small>FOR LAB USE ONLY</small>				Lab I.D.:				Sample I.D.:			
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				GROUNDWATER WASTEWATER SOIL OIL SLUDGE OTHER :				ACID/BASE: ICE / COOL OTHER :			
Relinquished By: 				Date: 12-19-22 Time: 1600				Received By: 			
Relinquished By: 				Date: 12-19-22 Time: 1600				Received By: 			
Delivered By: (Circle One) Sampler - UPS - Bus - Other:				Sample Condition Cool <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>				CHECKED BY: (Initials) 			
REMARKS:				Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #: Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:				ANALYSIS REQUEST			

Lab I.D.	Sample I.D.	DATE	TIME	CHLORIDE	BTEX	TPH/EXT
1	BOTTOM SAMPLE 1@4'	12/16/22	9:00AM	✓	✓	✓
2	BOTTOM SAMPLE 2@4'	12/16/22	9:10AM	✓	✓	✓
3	BOTTOM SAMPLE 3@4'	12/16/22	9:20AM	✓	✓	✓
4	BOTTOM SAMPLE 4@4'	12/16/22	9:30AM	✓	✓	✓
5	BOTTOM SAMPLE 5@4'	12/16/22	9:40AM	✓	✓	✓
6	BOTTOM SAMPLE 6@4'	12/16/22	9:50AM	✓	✓	✓
7	BOTTOM SAMPLE 7@4'	12/16/22	10:00AM	✓	✓	✓
8	BOTTOM SAMPLE 8@4'	12/16/22	10:10AM	✓	✓	✓
9	BOTTOM SAMPLE 9@4'	12/16/22	10:20AM	✓	✓	✓
10	BOTTOM SAMPLE 10@4'	12/16/22	10:30AM	✓	✓	✓



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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: SHU RMT INJ HEADER BLDG 5 (5/10/21)										City:																									
Project Location: New Mexico										State: Zip:																									
Sampler Name: ROGER										Phone #:																									
FOR LAB USE ONLY										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		Chloride		BTEX		TPHEXT	
11		BOTTOM SAMPLE 11@1'		✓		1		✓				✓														12/16/22		10:40AM		✓		✓		✓	
12		BOTTOM SAMPLE 12@1'																								12/16/22		10:50AM		✓		✓		✓	
13		BOTTOM SAMPLE 13@1'																								12/16/22		11:00AM		✓		✓		✓	
14		BOTTOM SAMPLE 14@1'																								12/16/22		11:10AM		✓		✓		✓	
15		BOTTOM SAMPLE 15@1'																								12/16/22		11:20AM		✓		✓		✓	
16		BOTTOM SAMPLE 16@1'																								12/16/22		11:30AM		✓		✓		✓	
17		BOTTOM SAMPLE 17@1'																								12/16/22		11:40AM		✓		✓		✓	
18		BOTTOM SAMPLE 18@1'																								12/16/22		11:50AM		✓		✓		✓	
19		BOTTOM SAMPLE 19@1'																								12/16/22		12:00PM		✓		✓		✓	
20		BOTTOM SAMPLE 20@1'																								12/16/22		12:10PM		✓		✓		✓	

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Relinquished By:	Date: 12-19-22	Received By:	Date: 12-19-22
Time: 1:00		Time: 1:00	
Relinquished By: [Signature]		Received By: [Signature]	

Delivered By: (Circle One)	Sample Condition	CHECKED BY: (Initials)
Sampler - UPS - Bus - Other: 1.1c / 0.5c	Cool Intact <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	AD

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ANALYSIS REQUEST

BILL TO

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: SHU RMT INJ HEADER BLDG 5 (5/10/21)
Project Location: New Mexico
Sampler Name: ROGER

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

Phone #:
Fax #:

Fax #:

FOR LAB USE ONLY

Lab I.D.

Sample I.D.

(G)RAB OR (C)OMP.

CONTAINERS

GROUNDWATER

WASTEWATER

SOIL

OIL

SLUDGE

OTHER :

ACID/BASE:

ICE / COOL

OTHER :

MATRIX

PRESERV

SAMPLING

DATE

TIME

Chloride

BTEX

TPH EXT

REMARKS:

Relinquished By:

Date:

Time:

Received By:

Date:

Time:

Delivered By: (Circle One)

Sample Condition

Cool Intact

Yes Yes

No No

Checked By: (Initials)

Phone Result:

Fax Result:

Add'l Phone #:

Add'l Fax #:

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		BILL TO		ANALYSIS REQUEST									
Project Manager: Cliff Brunson		P.O. #:											
Address: P.O. Box 805		Company: Oxy											
City: Hobbs		Attn:											
State: NM Zip: 88241		Address:											
Phone #: 575-397-6388 Fax #: 575-397-0397		City:											
Project #:		State: Zip:											
Project Name: SHU RMT INJ HEADER BLDG 5 (5/10/21)		Phone #:											
Project Location: New Mexico		Fax #:											
Sampler Name: ROGER		FOR LAB USE ONLY											
		MATRIX		PRESERV		SAMPLING							
		<input type="checkbox"/> (G) GRAB OR <input type="checkbox"/> (C) COMP.											
		# CONTAINERS											
		GROUNDWATER											
		WASTEWATER											
		SOIL											
		OIL											
		SLUDGE											
		OTHER :											
		ACID/BASE:											
		ICE / COOL											
		OTHER :											
		DATE		TIME									
Lab I.D.													
Sample I.D.													
H24005		BOTTOM SAMPLE 31@1'		12/16/22		2:00PM		Chloride					
32		BOTTOM SAMPLE 32@1'		12/16/22		2:10PM		BTEX					
33		BOTTOM SAMPLE 33@1'		12/16/22		2:20PM		TPH/EXT					
34		BOTTOM SAMPLE 34@1'		12/16/22		2:30PM							
35		BOTTOM SAMPLE 35@1'		12/16/22		2:40PM							
36		BOTTOM SAMPLE 36@1'		12/16/22		2:50PM							
37		BOTTOM SAMPLE 37@1'		12/16/22		3:00PM							
38		BOTTOM SAMPLE 38@1'		12/16/22		3:10PM							
39		BOTTOM SAMPLE 39@1'		12/16/22		3:20PM							
40		BOTTOM SAMPLE 40@1'		12/19/22		8:30PM							
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Relinquished By:		Date: 12-19-22		Received By:		Phone Result:		<input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Phone #:			
Relinquished By:		Date:		Received By:		Fax Result:		<input type="checkbox"/> Yes <input type="checkbox"/> No		Add'l Fax #:			
Delivered By: (Circle One)		Sample Condition		CHECKED BY:									
Sampler - UPS - Bus - Other:		<input type="checkbox"/> Cool <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Yes <input type="checkbox"/> No		(Initials)									

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Company Name: BBC International, Inc.		P.O. #:		BILL TO		ANALYSIS REQUEST																	
Project Manager: Cliff Brunson		Company: Oxy																					
Address: P.O. Box 805		Attn:																					
City: Hobbs		State: NM		Zip: 88241																			
Phone #: 575-397-6388		Fax #: 575-397-0397		Address:																			
Project #:		Project Owner: Oxy		City:																			
Project Name: SHU RMT INJ HEADER BLDG 5 (5/10/21)		State:		Zip:																			
Project Location: New Mexico		Phone #:																					
Sampler Name: ROGER		Fax #:																					
FOR LAB USE ONLY																							
Lab I.D.		Sample I.D.		(G)RAB OR (C)JUMP.		# CONTAINERS		MATRIX		PRESERV		SAMPLING											
41		BOTTOM SAMPLE 41@1'		✓		✓		✓		✓		✓		CHLORIDE									
42		SIDEWALL 1		✓		✓		✓		✓		✓		BTEX									
43		SIDEWALL 2		✓		✓		✓		✓		✓		TPH/EXT									
44		SIDEWALL 3		✓		✓		✓		✓		✓											
45		SIDEWALL 4		✓		✓		✓		✓		✓											
46		SIDEWALL 5		✓		✓		✓		✓		✓											
47		SIDEWALL 6		✓		✓		✓		✓		✓											
48		SIDEWALL 7		✓		✓		✓		✓		✓											
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Relinquished By:		Date: 12-19-22		Received By:		Time: 12:00		Sample Condition		CHECKED BY:		REMARKS:											
Relinquished By:		Date:		Received By:		Time:		Cool Intact		(Initials)		Phone Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Phone #:											
Delivered By: (Circle One)		Date:		Received By:		Time:		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		✓		Fax Result: <input type="checkbox"/> Yes <input type="checkbox"/> No Add'l Fax #:											
Sampler - UPS - Bus - Other:		12/19/22		12/19/22		12:00		✓		✓													

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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 187135

CONDITIONS

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 187135
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Closure Report Approved.	2/27/2023